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GOVERNMENT OF INDIA

METEOROLOGICAL DEPARTMENT

MAGNETIC, METEOROLOGICAL AND SEISMOGRAPHIC OBSERVATIONS

MADE AT THE

GOVERNMENT OBSERVATORIES

BOMBAY AND ALIBAG

IN THE YEAR

1935

UNDER THE DIRECTION OF

S. C. ROY, M.Sc., D.Sc. (LOND.)

REDUCED AND TABULATED UNDER THE DIRECTION OF

S. C. ROY, M.Sc., D.Sc. (LOND.)

AND

K. R. RAMANATHAN, M.A., D.Sc.

Published by Authority of the Government of India

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INTRODUCTION.

This volume on the magnetic, meteorological and seismographic observations made in the Government Observatories, Bombay and Alibag, during the year 1935, is the fifty-seventh volume of its kind issued by the Observatory and extends the records of continuous meteorological and magnetic observations to a period of ninety years and seismographic observations to a period of thirty-seven years. It has been prepared in the same form as the volume for the year 1934. The hourly values of all the important meteorological and magnetic elements have been given and these represent their average values over one hour and not their momentary values at the end of every hour. Columns have been added in this volume giving the daily mean values and the monthly mean hourly values of barometric pressure in millibars and of air temperature in degrees centigrade. As in the previous volume values of potential gradient for one hour intervals centred at every sixth hour of Greenwich Mean Time have been given.

The transference of magnetic work from Colaba to Alibag in 1904, due to the decision of the city of Bombay to introduce electric tram service, caused a certain amount of discontinuity in the magnetic records, which had then run uninterruptedly at Colaba for about sixty years, but as comparative observations could be taken at both the stations for a period of two years before the electric tram lines were completed and the service commenced its operations, the ' discontinuity ' could be calculated and allowed for. The comparative observations showed that at Alibag, the horizontal component of magnetic force was lower by 0·00510 C. G. S. unit of force, easterly declination higher by 53′·5 and inclination higher by 1° 4′·7 than at Colaba, and these are the finally adopted differences between the two sites. The figures published in this volume, like those in the previous volumes since 1906, have not been corrected for these differences.

The Colaba Observatory is situated almost at the extreme south end of the narrow ridge of land extending about three miles to the south-west of the Fort of Bombay and separating the Harbour from the Back Bay. The level of the Observatory compound is about 32 feet above the mean level of the sea. The regular registration of meteorological observations in the Colaba Observatory commenced in November 1841.

The astronomical co-ordinates* giving the position of the Colaba Observatory are :—

Latitude	18° 53′ 36·18″ N.
Longitude	72° 48′ 54·03″ E.

The Alibag Magnetic Observatory is situated on the main land about 18 miles south-east of Bombay, and its astronomical co-ordinates are—

Latitude	18° 38′ 17″ N.
Longitude	72° 52′ 21″ E.

For a general description of the buildings and instruments in both the Observatories, see " Magnetical, Meteorological and Seismographic Observations made at the Government Observatories, Bombay and Alibag, 1906—1910," and also the similar volume for 1916—20.

Unless otherwise stated, all times given in this volume refer to local mean time.

Meteorological instruments at Colaba.

1. *Standard Barometer.*—The barometer is by Newman (No. 58) and has been in uninterrupted use since the establishment of the Observatory. It reads on an average 0·004″ below the Kew Standard and 0·012″ below the old Calcutta standard barometer. The height of the barometer is 37 feet above the mean sea-level. A subsidiary standard barometer, Newman No. 48, has also been maintained in the underground constant temperature room, and its reading exceeded that of the standard barometer by 0·001″ on the average during the year.

2. *Barograph.*—The instrument is of the Kew pattern and was installed in the underground constant temperature room in 1872. The variation of pressure is recorded photographically. The barograph has been treated, as in the past, as an independent instrument in respect of the variation of pressure occurring in the course of a day. A comparative study of the differences between the readings of the barograph and of the standard barometer for a large number of years indicates that these differences maintain fairly constant values and do not show variations at different hours of the day. The mean of the excesses of the eye observations of the standard barometer made at 8 hrs. (B. M. T.) and 17 hrs. (I. S. T.) on seven consecutive days over the corresponding barograph tabulations has been applied as a common correction to all the tabulated hourly readings of the day which is the fourth of the seven.

3. *Standard Dry bulb and Wet bulb Thermometers.*—On the 26th November 1917, the freezing points were tested and the zero of the dry bulb standard thermometer No. 401 was

*Magnetic, Meteorological and Seismographic observations made at the Government Observatories, Bombay and Alibag, 1922, p. 1.

found to have changed from 32°·6F. to 33°·0 F. These thermometers were again tested on the 3rd February 1926 and their corrections were found to be the same as those determined in 1917. Besides the above, there are eye reading dry bulb, wet bulb, maximum and minimum thermometers installed in a standard Stevenson Screen. The heights of the bulbs of the thermometers above the ground in the two sheds are given below:—

Thermograph Shed: Dry bulb 10′; Wet bulb 10′.
Stevenson Screen: „ „ 4′ 4½″; „ „ 4′ 4″; Max. 4′ 11½″; Min. 4′ 4″.

For the results of comparative observations of these thermometers see p. 2 of the volume for the year 1924.

4. *Kew Dry bulb and Wet bulb Thermograph.*—The bulbs of these thermograph thermometers are placed close to those of the standard dry and wet bulb thermometers in a large double-louvre shed constructed in 1872, and the variation of temperatures is recorded photographically. The tables of air temperature have been obtained from the tabulations of dry bulb and of humidity from dry and wet bulb thermograms. The mean differences between the readings of the standard dry and wet bulb thermometers described in the preceding para. and the corresponding readings of the thermograms for the year 1935 were +0·1° and +0·1° respectively and were neglected.

5. *Robinson-Beckley's Anemograph.*—This anemograph is of the kind designed by Robinson, with improvements by Robert Beckley and has been in uninterrupted use in the Observatory since 1867, except that a new instrument of the same pattern and by the same makers was installed in 1907 to replace the old one. It is erected on the Anemometer Tower with its cups at a height of 58 feet above the ground and 100 feet above the mean sea-level. The centres of each pair of opposite hemi-spherical cups are four feet apart, and the diameter of each of the cups is 9 inches. The diameter of the vanes of the direction recorder is 15 inches and the breadth of the fans 4 inches.

6. *Dines' Anemograph, 1924 (velocity and direction).*—The old Dines' anemograph which was in continuous operation from 1896 and was provided with velocity recorder only was stopped in December 1929. A new Dines' anemograph provided with both velocity and direction recorders by R. W. Munro and Co. was received in 1923 and installed on the Anemometer Tower in January 1924. With a view to improve the exposure, its T-shaped head-vane was placed on the top of a telegraph post, 32·5 feet high, fixed on the Tower at a distance of 3 feet from the cups of the Robinson-Beckley's cups and 127 feet above the mean sea-level. The diameter of the post near the Beckley's cups is 8 inches and does not exercise any appreciable influence on the records of Robinson-Beckley. This is due to the fact that in a current of air flowing past a fixed cylindrical obstacle, the stream lines, although they get deformed near the obstacle, assume again very nearly the original configuration at a distance from the obstacle equal to its diameter, and at this distance the velocity of the air current, too, attains almost its original value. The results of a series of comparisons of this instrument with a U-tube pressure-gauge showed that W, the difference in level of water in inches in the two arms of the U-tube, which is a measure of the pressure exerted by the wind, and V, the velocity of the wind in miles per hour as indicated in the charts, practically obey the standard law, namely, $W = \cdot 000731\ V^2$.

The height of the vane of this anemometer is 26 feet above that of the old Dines' anemometer. On account of this greater height, this instrument records a larger velocity of wind; the types of records by the two instruments are however identical. The ratio of the mean wind velocities recorded by the new Dines' anemograph to those recorded by the Beckley's anemograph during 1924—35 is given below for the different months, seasons and the year:—

Ratio of Wind Velocities.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Means. October to February.	Means. March to May.	Means. June to September.	Means. Year.
New Dines to Rob. Beckley (1924-35.)	1·42	1·42	1·35	1·35	1·38	1·46	1·63	1·67	1·55	1·46	1·47	1·41	1·43	1·36	1·59	1·47

The hourly values of wind velocity and wind direction tabulated in this volume represent the averages of the Dines' records for periods of sixty minutes, from full hour to full hour of local mean time. The daily mean directions have been derived by converting the hourly velocity into N or S and E or W components and combining the mean components.

7. *Rain-gauge.*—Newman's rain-gauge, which has been in use since 1845, exposes for the collection of rain-drops at a height of four feet above the ground a circular surface of an average diameter of 12·035 inches, forming the top of the funnel, which opens into a cylindrical vessel below, having a diameter of 5·732 inches. Each division of the graduated rod resting on the float represents ·05 inch of rain and the readings of this scale are easily estimated to one-fifth of a division.

8. *Photographic Rain-gauge.*—This instrument takes a continuous record of rainfall by photographing the head of a mercury column balancing the rainfall collected in a glass vessel, with an arrangement for syphon discharge when full. A full description of this instrument will be found in the introduction to the " Bombay Magnetical and Meteorological Observations, 1877 to 1878 ", page xlvi. For methods of reduction of pluviograph records, reference is made to the introduction to the " Bombay Magnetical, Meteorological and Seismographic Observations, 1916—20 ". The height of the receiving funnel of this instrument is 28 feet above the ground. The pluviograph gave slightly higher value for rainfall than the Newman gauge.

For comparative study a syphon rain-gauge by L. Casella, London, was installed in the enclosure of the standard Newman rain-gauge on the 12th June 1930, so that the receiving funnels of both were at the same height. It was removed to a separate enclosure on the 28th April 1931 and its receiving funnel was kept at the standard height of 30 inches above the ground surface.

Magnetic Instruments at Alibag.

Variation Instruments.

The horizontal force, vertical force and declination magnetographs in use at Alibag are all by Watson and are mounted on isolated pillars in the magnetograph room. They were maintained in continuous action throughout the year. As explained on pages 1-2 of the Observatory volume for 1927, the sensitiveness of the vertical force magnetograph was increased eight-fold on the 7th August 1927 by introducing certain alterations in the mechanism for adjusting the position of the centre of gravity of the 'balance'. The instrument worked very satisfactorily throughout the year and furnished excellent records of the changes in the vertical force.

A declination magnetograph with high optical magnification (1cm.=3·43 minutes of arc) was constructed locally and installed in 1931 in the ground floor room of the magnetometer building. It was in continuous action throughout the year. The records furnished by this instrument are identical with those obtained with the Watson declination magnetograph except that the variations are shown in a more conspicuous manner.

The highest maximum and lowest minimum temperatures in each month in the magnetograph room during 1935 are shown below in degrees Fahrenheit.

1935.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	°	°	°	°	°	°	°	°	°	°	°	°	°
Maximum .	84·2	82·4	85·1	87·3	89·5	90·9	89·2	86·1	86·2	88·1	88·0	86·4	90·9
Minimum .	81·5	81·5	82·2	85·1	87·2	89·1	85·7	85·2	85·4	85·8	86·3	84·5	81·5

A Kew Horizontal Force Magnetometer, Kew Vertical Force Magnetometer and Declination Magnetometer are installed in the ground-floor room of the magnetometer building as auxiliary eye-reading instruments. The eye observations were regularly plotted and were used mainly for a comparative study of the performance of the different instruments. The hourly tabulations from the magnetograms represent the average values during one hour, centred at the full hours of Greenwich Mean Time.

The scale coefficients of the force magnetographs were obtained every fortnight from deflection observations performed on the instruments with deflectors, at distances of 100 cm. and 120 cm. in the case of H and at distances of 124·05 cm. and

148·6 cm. in the case of V magnetographs. The usual distribution coefficient $(1 + \frac{P}{r^3})$ was introduced in the formula for the computation of scale coefficients. It was found that the mean values of the factor in the case of H. F. magnetograph were for both the distances equal to unity and in the case of V. F. magnetograph 1·09 and 1·06 for the shorter and the longer distances respectively. The value of the scale coefficient adopted for any month is the average of the mean observed value for that month and those for the preceding and succeeding months.

The following table gives the scale coefficients of the force magnetographs that is, the values in γ, corresponding to 1 cm. ordinate on the photographic paper, where as usual γ =0·00001 C. G. S. unit of force.

Instrument.	January.	February.	March.	April.	May.	June.	July.	August.	September	October.	November.	December.
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
H. F. Magnetograph	45·1	44·7	44·7	44·3	44·3	44·1	44·1	44·1	44·3	44·5	44·5	44·4
V. F. Magnetograph	12·9	13·0	13·3	13·6	13·7	13·0	13·5	13·5	13·7	14·0	13·8	13·7

The scale coefficient of the Watson declination magnetograph for 1 cm. of ordinate is 10′·28.

The temperature coefficient for the horizontal force magnetograph has been determined by heating experiments and its adopted value is ·000036 C. G. S. unit for 1° F. The temperature coefficient of the vertical force magnetograph was found by similar experiments to be negligible as no appreciable change in force, after allowing for the actual diurnal change, could be definitely ascertained as being due to temperature effect. The above conclusions have been checked by an analysis of the observed monthly values of base lines* by means of the formula $B_t = B_m + \alpha (t - m)$, where B_t is the monthly mean value of the base line, uncorrected for temperature but corrected for the slow secular change caused by the loss of magnetic moment and other causes, to the mean temperature during the month, B_m the annual mean of the observed values of the base line, m the annual mean temperature of the magnetograph room, and α the temperature coefficient. Several years' data have been analysed in this manner. The mean value of α for H. F. based on the data for the years 1924-35 is ·000052 in C. G. S. unit for 1° F. The adopted value is thus seen to be smaller by about 31 per cent. than that obtained by this method, but no correction has been introduced in the reduction on account of this difference. For V. F. the value of α appears to be negligible.

Absolute Instruments.

Two magnetometers have been in regular use during the period for obtaining the absolute values of horizontal force and declination. Magnetometer No. 7 by T. Cooke and Sons, which is the standard instrument at Alibag, is of the ordinary type of Kew pattern instruments but is modified and improved in several important details. The other instrument is Magnetometer No. 137 by Dover Charlton and is of the usual Kew pattern. Instrument No. 7 is observed on the second floor of the magnetometer building, while instrument No. 137 with its own magnets is observed on the first floor. A pair of new magnets for No. 7 with their constants determined at the Greenwich Magnetic Observatory (Abinger) was received from Messrs. Cooke, Troughton and Sims in 1929 and observations of Horizontal Force and Declination were taken once every four weeks with these magnets and magnetometer No. 7 on the second floor throughout the year for comparative purposes. The results show close agreement with those obtained with the old magnets No. 7.

The value of the correction, $\text{Log}_{10}(1 + \frac{P}{r^3} + \frac{Q}{r^4})^{-1}$ used in the reduction of the horizontal force observations was obtained for a given month by taking the mean for seven

*Memoirs of the India Meteorological Department, Vol. XXV, Part VII.

months including the given month as fourth of the seven. The values of this correction for the different months of the year for the standard instrument at the deflection distance 22·5 cm. were as follows:—

January	.. 9·99314	May	.. 9·99314	September	.. 9·99308
February	.. 9·99317	June	.. 9·99314	October	.. 9·99307
March	.. 9·99314	July	.. 9·99311	November	.. 9·99306
April	.. 9·99314	August	.. 9·99311	December	.. 9·99304

Earth Inductor No. 41 by Schulze of Potsdam and galvanometer No. 200 by Plath are installed on specially constructed pillars in the second floor, while Inductor No. 108 by Otto Toepfer and its galvanometer are installed in the first floor of the magnetometer building. Both these instruments were in regular use.

System of observation at Colaba.

From the beginning of 1929, the eye observations of the barometer and thermometers at 10 hrs. and 16 hrs. were stopped but continued to be taken at 8 hrs. An afternoon observation at 17 hrs., Indian Standard Time, was however introduced from the 15th November 1929.

The eye observations at 8 hrs. (local time) and 17 hrs. (Indian Standard Time) were taken in the following order:—

From 5 minutes before the hour to 2 minutes after the hour.	Kind and amounts of clouds, state of weather any noteworthy phenomena and direction of the wind.
At 2 minutes after the hour	Thermograph standard thermometer, dry-bulb. Thermograph standard thermometer, wet-bulb.
At 3 ,, ,, ,,	Newman's rain-gauge.
From 7 to 9 ,, ,,	Newman's standard barometer No. 58 and attached thermometer. Newman's standard barometer No. 48 and attached thermometer (read at 8 hrs. only).
At 10 ,, ,, ,,	Thermometer attached to barograph (read at 8 hrs. only).

Observations of the kind and amounts of clouds, state of weather, occasional phenomena and rainfall (in wet season) were also taken at 6, 10 and 22 hrs. Observations with nephoscope were taken at 8½, 12½ and 16½ hrs. every day. The maximum and minimum thermometers in the Stevenson Screen were read daily at 8 hrs. only.

During the monsoon months, Newman's rain-gauge was read daily at midnight in addition to the usual observations and the discharges of the syphon of the self-registering pluviograph were also read as often as required.

A Campbell-Stokes Sunshine recorder was installed on the balloon observation tower and was brought into regular use from August 1925. The sun-shine data given in the volume refer to *local apparent time.*

Observations of magnetic declination were made once every month at Colaba about the 15th of each month. The mean of the differences between the observed absolute values of declination at Colaba and Alibag, from 1906 to 1935, is 52′·6 as against 53′·5 obtained from the comparative observations taken at the two stations in the years, 1904 and 1905.

Time-supply service.

The electric clock at the Colaba Observatory controlling the drop of the time ball was regulated once every day by comparison with the standard sidereal clocks, two Riefler's and one Kullberg. Government chronometers, belonging to the Royal Indian Marine and the Royal Navy, were wound daily or twice a week as required and comparisons with the standard clock were made with sufficient frequency to render the instruments always ready for use at call with well-determined rates.

System of observation at Alibag.

Eye observations of the instruments mentioned below were taken daily, Sundays included, shortly before 6, 10, 14, 16 and 22 hrs. at the instants specified against them. These instants have been chosen so that they may approach as nearly as possible to the full hour of Greenwich Mean Time, which corresponds to 51 mins. of local time.

At 19 minutes to the hour .	Kew Horizontal Force Magnetometer and attached thermometer.
„ 17 „ „ „ .	Kew Vertical Force Magnetometer and attached thermometer.
„ 15 „ „ „ .	Declination Magnetometer.
„ 10 „ „ „ .	Watson's Vertical Force Magnetograph and attached thermometer.
„ 8 „ „ „ .	Watson's Horizontal Force Magnetograph and attached thermometer.
„ 6 „ „ „ .	Thermograph and the standard thermometer in the Magnetograph room (read twice daily at 6 and 16 hrs. only).

Deflection experiments, with vibration magnet of magnetometer No. 137, the moment of which is determined every four weeks as deflector at distances of 100 cm. and 120 cm. on the horizontal force magnetograph and at distances of 124·05 cm. and 148·6 cm. on the vertical force magnetograph were made once every fortnight.

Observations of absolute horizontal force were made with the Observatory standard instrument No. 7 and magnets No. 7 (old) on Wednesdays. Observations of absolute horizontal force were also taken with—

(1) magnets No. 137 on Mondays once every four weeks, with magnetometer No. 3 till July and with magnetometer No. 137 from August onwards,

(2) the standard magnetometer No. 7 and magnets No. 7 (new) on Fridays once in four weeks.

Observations of absolute declination were made with the standard magnetometer No. 7 and magnet No. 7 (old) on Thursdays. Observations of declination were also taken for comparative study with—

(1) magnet No. 137 on Thursdays once in eight weeks with magnetometer No. 3 till July and with magnetometer No. 137 from August onwards,

(2) standard magnetometer No. 7 and magnet No. 7 (new) on Thursdays once in four weeks.

Observations of inclination were made with the Schulze's Inductor, which is the Observatory standard instrument, and another inductor by Otto Toepfer every day in the year with the exception of Sundays and holidays. Each of the two inductor instruments was ordinarily observed on alternate days, but for check both the instruments were observed one after the other on Saturdays.

Transit observations of stars for the determination of time were made generally on Tuesdays and Fridays in the dry months; during the monsoon months no opportunity was lost of observing the sun or stars whenever visible. The adjustment of the transit instrument was frequently tested by reference to the fixed collimator mark and by level observations; the errors of collimation, level and azimuth were determined once every month except during the monsoon months. A complete observation of all the meteorological elements was taken at Alibag at 8 hrs. (local time) throughout the year.

General Review.

1. *Weather.*—The southwest monsoon rains commenced at Bombay on the 13th June and practically ended on the 20th September. The total rainfall recorded during the year amounted to 81·62″ and was 11·08″ above the normal of 72 years. The mean temperature of the year was 79°·7 which was 0°·4 above the normal. The greatest maximum temperature recorded was 100°·7 on the 11th March and the lowest minimum was 53°·1 on the 15th January. The mean temperature of all the months in the year was within 1° of the normal of the season. The mean velocity of wind during the year was 8·0 miles per hour. The greatest daily mean velocity was 18·4 miles per hour on the 20th July and the lowest was 3·2 miles per hour on the 11th February. The greatest mean hourly velocity was 27 miles per hour on the 26th July while the velocity of a single gust of wind as recorded by the New Dines' anemometer reached 53 miles per hour on the 19th July.

2. *Magnetic conditions.*—The mean and the extreme values of the magnetic elements at Alibag during 1935 are given below along with the corresponding values for the previous fourteen years :—

Year.	H						D						V						I
	Mean.	Maximum.		Minimum.		Absolute annual range.	Mean.	Maximum.		Minimum.		Absolute annual range.	Mean.	Maximum.		Minimum.		Absolute annual range.	Mean
		Value.	Date.	Value.	Date.			Value.	Date.	Value.	Date.			Value.	Date.	Value.	Date.		
	γ	γ		γ		γ	′	′		′		′	γ	γ		γ		γ	° ′
1921	36935	37069	13th May.	36381	15th May.	688	15·9 E.	41·9 E.	15th May.	9·5 E.	7th July.	32·4	17227	17320	15th May.	17144	20th Jan.	176	25 0·3
1922	36946	37037	10th Mar.	36777	14th Sept.	260	12·6 E.	18·0 E.	16th Feb.	6·6 E.	31st Aug.	11·4	17293	17351	12th Aug.	17222	5th Apr.	129	25 5·0
1923	36985	37071	27th Nov.	36854	24th Mar.	217	8·9 E.	13·6 E.	26th Jan.	3·6 E.	24th Sept.	10·0	17372	17432	3rd July.	17270	25th Jan	162	25 9·6
1924	37029	37142	16th Oct.	36854	10th June.	288	5·6 E.	10·5 E.	29th Jan.	0·4 E.	15th Sept.	10·1	17452	17514	26th Dec.	17379	19th Jan.	135	25 14·7
1925	37065	37170	9th Mar.	36899	28th Dec.	271	3·4 E.	8·2 E.	24th May.	2·0 W.	4th Sept.	10·2	17527	17589	25th Dec.	17421	21st Jan.	168	25 18·5
1926	37079	37227	26th Jan.	36755	15th Apr.	472	0·8 E.	9·9 E.	15th Apr.	4·9 W.	24th Aug.	14·8	17590	17654	15th Oct.	17504	4th Jan.	150	25 22·7
1927	37119	37350	22nd Oct.	36802	12th Oct.	548	1·9 W.	6·0 E.	22nd July.	8·6 W.	21st Aug.	14·6	17650	17710	24th Sept.	17565	14th Sept.	145	25 25·9
1928	37152	37463	7th July.	36718	8th July.	745	3·8 W.	11·6 E.	8th July.	9·0 W.	19th Sept.	20·6	17698	17778	28th May.	17608	30th April.	170	25 28·3
1929	37209	37316	11th Aug.	36988	12th Mar.	328	5·9 W.	0·5 W.	16th Apr.	11·1 W.	5th Sept.	10·6	17736	17797	24th Nov.	17655	29th Jan.	142	25 29·1
1930	37253	37373	14th Aug.	37021	16th June.	352	8·0 W.	2·6 W.	31st May.	12·7 W.	25th Aug.	10·1	17777	17836	6th Oct.	17692	12th Jan.	144	25 30·6
1931	37323	37417	17th Oct.	37097	29th Oct.	320	10·5 W.	5·7 W.	15th Apr.	15·8 W.	30th June.	10·1	17806	17889	11th Nov.	17726	20th May.	163	25 30·2
1932	37364	37460	25th Nov.	37223	30th May.	237	12·7 W.	7·0 W.	30th May.	18·1 W.	23rd July.	11·1	17880	17895	5th Nov.	17756	29th April.	139	25 30·6
1933	37408	37486	18th Nov.	37206	1st May	280	14·5 W.	10·3 W.	1st May	18·8 W.	27th July	8·5	17848	17913	16th Dec.	17759	13th May	154	25 30·4
1934	37462	37564	7th Nov.	37314	16th Feb.	250	16·2 W.	12·1 W.	11th May	21·3 W.	9th Sept.	9·2	17867	17914	4th Dec.	17793	25th July	121	25 29·9
1935	37524	37651	11th Sept.	37394	24th Oct.	257	17·7 W.	12·3 W.	6th April.	23·4 W.	15th Sept.	11·1	17892	17957	23rd Aug.	17804	21st Aug.	153	25 29·5

The value of H has been steadily increasing since 1916. The increase from 1934 to 1935 is 62γ and is greater than the average rate of increase, namely 43γ, during the last 10 years. The Westerly Declination increased during the year by 1·5′ which is nearly at the same rate as during the last ten years. The vertical force continued to show a gradual increase, but the inclination which has been slowly decreasing since the year 1933 showed a futher slight decrease of 0·4′.

The following table gives the character figure assigned to each day according to the international scheme.

Month.	"0" days.	"1" days.	"2" days.	Mean characte figure.
1935.				
January . .	2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 19, 20, 21, 22, 25, 26, 29, 30	1, 3, 15, 16, 17, 18, 23, 24, 27, 28, 31	..	0·35
February .	4, 5, 6, 7, 8, 9, 10, 11, 12, 17, 18, 19, 22, 23, 27, 28	1, 2, 3, 14, 15, 16, 20, 21, 24, 25, 26	13	0·46
March . .	4, 5, 6, 7, 8, 9, 10, 12, 18, 19, 22, 23, 25, 26, 27, 28, 29	1, 2, 3, 11, 15, 16, 17, 20, 21, 24, 30, 31	13, 1	0·52
April . .	1, 2, 3, 4, 5, 6, 7, 14, 15, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30	8, 9, 12, 13, 16	10, 11	0·30
May . . .	4, 5, 6, 7, 8, 9, 14, 15 17, 18, 19, 2 , 22, 23, 24, 25, 26, 27, 28 29, 30, 31	2, 3, 10, 11, 12, 13, 16, 20	1	0·32
June . .	1, 2, 3, 6, 12, 13, 14, 15, 16, 20, 21, 22, 23, 24, 25, 26, 27, 29, 30	4, 5, 8, 10, 11, 17, 18, 19, 28	7, 9	0·43
July . .	1, 2, 3, 4, 5, 6, 10, 11, 12, 13, 15, 16, 17, 18, 20, 21, 26, 27, 28, 30	7, 9, 14, 19, 22, 23, 24, 29, 31	8, 25	0·42
August . .	2, 3, 4, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 24, 29, 30, 31	1, 5, 6, 7, 19, 20, 21, 22, 23, 25, 26, 27, 28	..	0·43
September .	2, 3, 6, 8, 9, 13, 14, 20, 21, 22, 29	1, 4, 5, 7, 10, 12, 15, 16, 17, 18, 19, 23, 24, 25, 26, 27, 28, 30	11	0·67
October . .	3, 4, 5, 6, 8, 9, 12, 18, 19, 23, 26, 29	1, 2, 7, 10, 11, 13, 14, 15, 16, 17, 21, 22, 25, 28, 30, 31	20, 24, 27	0·71
November .	4, 7, 8, 9, 10, 15, 16, 17, 21, 22, 23, 24, 25, 26. 28	1, 2, 3, 5, 6, 11, 13, 14, 18, 19, 20, 27, 29, 30	12	0·53
December .	4, 5, 6, 8, 9, 11, 12, 17, 18, 19, 20, 21, 22, 23, 30, 31	1, 2, 3, 7, 10, 13, 14, 15, 16, 24, 25, 26, 27, 28, 29	..	0·48

The annual mean character figure, as assigned by the Observatory, to the year 1935 is 0·47, while that assigned to the year 1934 is 0·46 and to 1933, 0·56. The corresponding De Bilt figures are 0·70, 0·56 and 0·64 respectively. October was the most active and April the most inactive month in the year.

Absolute observations and Base Line Values.

Declination.

Absolute observations of declination were made once a week on Thursdays with the standard magnetometer No. 7 and magnet No. 7 (old). For comparative purposes, an observation of declination was taken with the auxiliary magnetometers, No. 3 and No. 137 as already indicated. Similar observations with No. 7 (new) magnets and magnetometer No. 7, were taken once in four weeks.

Base-line values are derived by converting the ordinates corresponding to absolute observations with instrument No. 7 and magnet No. 7 (old) into angles and subtracting the converted ordinates from the observed absolute declination. The values so obtained of the base-lines of the declination magnetograph denote westerly declination.

The adopted values are derived by taking overlapping means of 5 successive observations and reducing them to the proper epoch, values for intermediate days being obtained by simple interpolation.

Declination base-line values, 1935.

0_0 *Plus tabular minutes.*

Date.	Observed.	Adopted.	Date.	Observed.	Adopted.	Date.	Observed.	Adopted.
	′	′		′	′		′	′
January 3 .	67·7 W	67·8 W	May 2 .	67·2 W	67·3 W	September 5	68·5 W	68·4 W
„ 10 .	67·7	67·8	„ 9 .	67·1	67·5	„ 12 .	68·5	68·4
„ 17 .	67·9	67·8	„ 16 .	67·7	67·8	„ 19 .	68·2	68·3
„ 24 .	68·1	67·8	„ 23 .	67·6	67·8	„ 26 .	68·2	68·3
„ 31 .	67·6	67·9	„ 30 .	69·1	67·8	October 3 .	68·2	68·2
February 7 .	67·8	67·9	June 6 .	67·4	67·9	„ 10 .	68·2	68·2
„ 14 .	68·0	67·9	„ 13 .	67·0	68·1	„ 17 .	68·1	68·3
„ 21 .	68·0	67·9	„ 20 .	68·4	67·9	„ 24 .	68·5	68·3
„ 28 .	67·8	68·0	„ 27 .	68·8	68·2	„ 31 .	68·5	68·3
March 7 .	68·1	68·0	July 4 .	67·9	68·4	November 7 .	68·2	68·3
„ 14 .	68·1	67·9	„ 11 .	69·0	68·4	„ 14 .	68·1	68·4
„ 21 .	67·9	67·7	„ 18 .	67·7	68·1	„ 21 .	68·3	68·4
„ 28 .	67·5	67·4	„ 25 .	68·7	68·2	„ 28 .	68·7	68·5
April 4 .	66·9	67·3	August 1 .	67·2	67·9	December 5 .	68·5	68·5
„ 11 .	66 8	67·2	„ 8 .	68·3	68·0	„ 12	68·6	68·5
„ 18 .	67·6	67·1	„ 15 .	67·6	68·0	„ 19 .	68·2	68·4
			„ 22 .	68·4	68·3	„ 26 .	68·5	68·4
			„ 29 .	68·6	68·3			

Horizontal Force.

Absolute observations of horizontal force were made every week, on Wednesdays with the standard magnetometer No. 7 and magnets No. 7 (old). Observations with magnets No. 137 and the auxiliary magnetometer No. 3 or No. 137 were taken every four weeks on Mondays and also with magnetometer No. 7 and magnets No. 7 (new) on Fridays once in four weeks as already indicated. A day's observations comprise a double set of vibration and deflection experiments at three distances, which for No. 7 are 22·5 cm., 30 cm. and 40 cm. In calculating the base-line values the mean of the observed values at all the three distances has been used.

Base-line values are derived by converting the mean ordinates corresponding to absolute observations with instrument No. 7 in terms of γ and subtracting the converted ordinates from the mean observed absolute horizontal force. They are further reduced to a uniform temperature of 85° F. to make the series comparable from month to month and year to year.

The adopted values are derived by taking overlapping means of 5 successive double sets of observations and reducing them to the proper epoch, values for intermediate days being obtained by simple interpolation.

Horizontal force base-line values at 85° F., 1935.

Date.	Observed.	Adopted.	Date.	Observed.	Adopted.	Date.	Observed.	Adopted.
	γ	γ		γ	γ		γ	γ
January 2 .	37,124	37,127	May 1 .	37,285	37,282	September 4 .	37,284	37,283
„ 9 .	127	125	„ 8 .	280	283	„ 11 .	284	283
„ 16 .	121	126	„ 15 .	280	282	„ 18 .	281	283
„ 23	122	127	„ 22 .	286	284	„ 25 .	284	284
„ 30 .	135	130	„ 29	280	287	October 2 .	282	285
February 6 .	132	131	June 5 .	294	287	„ 9 .	288	285
„ 13 .	141	133	„ 12 .	295	285	„ 16 .	288	286
„ 20 .	127	131	„ 19 .	282	286	„ 23 .	284	287
„ 27 .	133	128	„ 26 .	277	283	„ 30 .	289	288
March 6 .	125	129	July 3 .	284	280	November 6 .	287	286
„ 13 .	272*	271*	„ 10 .	277	281	„ 13 .	291	286
„ 20 .	270	272	„ 17 .	282	283	„ 20 .	280	285
„ 27 .	276	276	„ 24 .	287	283	„ 27 .	282	282
			„ 31 .	285	284			
April 3 .	279	278	August 7 .	283	285	December 4 .	280	282
„ 10 .	283	281	„ 13 .	285	284	„ 10 .	268	281
„ 17 .	282	283	„ 21 .	286	283	„ 18 .	285	277
„ 24 .	285	283	„ 28 .	279	284	„ 25 .	281	278

* H. F. magnetograph was adjusted on 8th March.

Vertical Force.

Inclination observations with inductors were made every day in the year, with the exception of Sundays and holidays, each of the two instruments being observed on alternate days.

Base-line values are derived by expressing the mean ordinates of V. F. magnetograms corresponding to the inclination observations in terms of γ and subtracting the converted ordinate from the absolute vertical force obtained by multiplying the value of H. F. at the time by the tangent of inclination given by Inductor observations. Values derived from Inductor No. 108 are reduced to those derived from Inductor No. 41 (which is the Observatory standard) by applying the mean correction for the month deduced from the comparative observations taken on Saturdays of every week.

The adopted values are derived by taking overlapping means of 7 successive observations and reducing them to the proper epoch, values for those days not given by this operation being obtained by simple interpolation.

As already remarked the sensitiveness of the instrument increased eight times in consequence of the change introduced on the 7th August 1927 in the mechanism for altering the sensitiveness.

Vertical force base-line values, 1935.

Date.	Observed.	Adopted.	Date.	Observed.	Adopted.	Date.	Observed.	Adopted.
	ϒ	ϒ		ϒ	ϒ		ϒ	ϒ
January 2 .	17,804	17,809	May 1 .	17,817	17,818	September 4 .	17,873	17,849
„ 9 .	827	821	„ 8 .	820	813	„ 11 .	847	847
„ 16 .	784	790	„ 15 .	819	814	„ 18 .	913	873
„ 23 .	857	842	„ 22 .	802	802	„ 25 .	829	850
„ 30 .	890	851	„ 29 .	812	810	October 2 .	821	819
February 6 .	871	849	June 5 .	851	836	„ 9 .	837	822
„ 13 .	870	861	„ 12 .	756	804	„ 16 .	823	824
„ 20 .	831	838	„ 19 .	824	832	„ 23 .	831	835
„ 27 .	850	853	„ 26 .	803	829	„ 30 .	839	838
March 6 .	808	814	July 3 .	831	832	November 6 .	775	803
„ 13 .	822	820	„ 10 .	863	852	„ 13 .	798	799
„ 20 .	863	845	„ 17 .	866	872	„ 20 .	827	820
„ 27 .	838	843	„ 24 .	872	877	„ 27 .	787	789
			„ 31 .	902	905			
April 3 .	824	830	August 7 .	920	900	December 4 .	799	790
„ 10 .	832	826	„ 13 .	878	893	„ 10 .	802	799
„ 17 .	838	829	„ 20 .	949	909	„ 18 .	830	813
„ 22 .	827	833	„ 28 .	838	839	„ 25 .	801	805

Seismographs.

Two Milne-Shaw Seismographs (N-S and E-W components), were in continuous action in the underground constant temperature room, and both gave excellent records of earthquakes and microseisms during the year. The earthquakes recorded by these instruments will be found tabulated towards the end of the volume. The locally constructed seismograph of the Omori type (N-S and E-W components) was kept in continuous operation during the year as an auxiliary instrument.

Magnetic Storms.

In plates I, II, III, IV and V are reproduced disturbed magnetic records for days recommended for publication by the International Commission of Terrestrial Magnetism. The base-line values and scale co-efficients are shown with each curve. The hourly breaks last for 2 to 3 minutes and the time shown against a break is the time at the middle of the break expressed in Greenwich Mean Time. Increasing ordinates for H. F. and V. F. curves mean increase in force, and for the declination curves decrease in westerly declination.

Atmospheric Electricity.

Observations of the variation in the potential gradient were continued during the year. A photographic electrograph by Cambridge Instrument Co., as described in the Journal of Scientific Instruments, Vol. V, May 1928, pages 145—152, was received in May 1930 and installed on the 13th June 1930 in the old Milne seismograph room. It was removed to a specially constructed room in the open space near the sea coast on the 28th February 1931 and its radium collector was exposed through a hole in the wall at a height of 168 cm. above ground and on undisturbed days at a distance of 40 cm. from the wall. The values of the potential gradient for one hour intervals centred at every sixth hour of Greenwich mean time have been given in this volume.

K. R. RAMANATHAN,
Meteorologist, Bombay.

Colaba Observatory, Bombay,
The 23rd October 1936.

Meteorological Tables.

(Colaba Observatory.)

BAROMETRIC PRESSURE, 1935.

JANUARY.

(Averages for sixty minutes from full hour to full hour of local mean time.)

(IN INCHES OF MERCURY AT 32° F.)

Date.	Hours (B. M. T.).													
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14
1	29·887	29·876	29·863	29·852	29·871	29·881	29·915	29·933	29·955	29·967	29·959	29·936	29·907	29·874
2	·942	·930	·921	·918	·918	·936	·964	·989	30·020	30·031	30·020	·998	·970	·937
3	·943	·930	·924	·928	·926	·943	·970	·991	·030	·032	·030	·994	·956	·920
4	·935	·918	·912	·908	·920	·922	·942	·960	29·989	29·998	29·993	·963	·935	·914
5	·908	·890	·879	·874	·896	·902	·926	·950	·980	·966	·974	·955	·935	·898
6	·950	·937	·925	·923	·930	·940	·969	·990	30·022	30·039	30·019	·992	·959	·938
7	·972	·953	·950	·938	·948	·952	·980	30·001	·034	·038	·030	·995	·968	·933
8	·966	·957	·944	·946	·949	·954	·977	29·999	·026	·038	·028	30·002	·973	·951
9	·965	·954	·940	·939	·947	·958	·986	30·012	·041	·055	·054	·033	30·015	·986
10	30·010	·992	·982	·978	·984	·990	30·018	·034	·059	·061	·048	·016	29·996	·987
11	29·978	·958	·941	·939	·948	·957	29·978	29·987	·013	·018	·008	29·977	·942	·915
12	·941	·933	·919	·909	·917	·921	·940	·967	29·989	·007	·003	·977	·951	·929
13	30·000	·993	·973	·966	·969	·969	·988	30·001	30·036	·039	·034	30·005	·983	·959
14	·016	·994	·979	·969	·966	·969	·985	·005	·025	·039	·033	·013	·977	·950
15	29·980	·967	·946	·942	·937	·951	·977	·005	·038	·042	·036	·001	·976	·942
16	·967	·958	·944	·938	·938	·944	·962	29·980	·000	·011	·000	29·967	·937	·916
17	·955	·948	·942	·933	·935	·952	·974	·992	·030	·027	·018	·992	·965	·931
18	·934	·931	·913	·912	·926	·934	·961	·981	·006	·023	·020	·993	·952	·937
19	·969	·953	·935	·949	·953	·969	·989	30·017	·047	·057	·047	30·017	·993	·959
20	30·017	30·014	30·014	30·017	30·019	30·040	30·062	·080	·112	·122	·110	·084	30·060	30·037
21	·019	·001	29·993	29·979	29·992	29·994	·012	·030	·053	·062	·067	·031	·008	29·988
22	29·972	29·958	·946	·930	·934	·941	29·963	29·990	·013	·023	·008	29·983	29·967	·936
23	·958	·936	·926	·918	·926	·936	·951	·970	·006	·008	·001	·978	·961	·941
24	·984	·974	·968	·958	·969	·978	30·001	30·022	·048	·051	·041	30·015	30·001	·982
25	30·009	·983	·989	·983	·996	30·004	·029	·042	·065	·065	·058	·032	·007	·975
26	29·996	·973	·967	·956	·960	29·960	29·978	·006	·024	·022	·016	29·985	29·956	·942
27	·946	·926	·921	·904	·915	·920	·943	29·951	29·988	29·992	29·969	·937	·913	·880
28	·933	·917	·911	·903	·912	·918	·929	·932	·967	·981	·977	·948	·925	·907
29	·955	·943	·941	·935	·935	·939	·973	·993	30·025	30·050	30·055	30·028	30·002	·975
30	30·013	·998	·992	·990	·996	·998	30·021	30·041	·070	·079	·071	·037	·017	·991
31	·028	·997	·983	·979	·989	·998	·022	·039	·063	·070	·053	·024	29·980	·942
Mean .	29·969	29·955	29·945	29·939	29·946	29·954	29·977	29·996	30·025	30·033	30·025	29·997	29·971	29·944
Variation	·000	—·014	—·024	—·030	—·023	—·015	+·008	+·027	+·056	+·064	+·056	+·028	+·002	—·025
Mean in millibars.	1014·86	1014·35	1014·05	1013·86	1014·08	1014·32	1015·11	1015·78	1016·75	1017·02	1016·75	1015·81	1014·93	1014·02
Variation in millibars.	0·0	—·47	—·81	—1·02	—·78	—·51	+·27	+·91	+1·90	+2·17	+1·90	+·95	+·75	—·85

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1	30·001	29·985	29·969	29·957	29·968	29·977	29·994	30·013	30·054	30·079	30·054	30·017	29·994	29·968
2	29·979	·951	·948	·940	·948	·951	·976	29·987	·014	·013	·005	29·970	·940	·902
3	·989	·977	·967	·949	·951	·961	·978	·994	·021	·037	·021	·984	·978	·968
4	·988	·969	·954	·936	·928	·945	·951	·967	29·995	·001	29·991	·963	·944	·913
5	·957	·935	·927	·931	·925	·940	·949	·974	·995	·003	·989	·969	·948	·910
6	·913	·902	·900	·898	·909	·919	·938	·950	·968	29·966	·956	·940	·918	·880
7	·931	·912	·901	·896	·909	·912	·931	·946	·968	·980	·971	·934	·912	·872
8	·890	·868	·853	·845	·859	·870	·904	·921	·946	·947	·935	·907	·882	·845
9	·851	·845	·838	·828	·836	·847	·874	·896	·918	·926	·919	·895	·871	·848
10	·844	·830	·830	·818	·833	·841	·863	·890	·922	·935	·923	·896	·870	·837
11	·906	·894	·890	·880	·890	·908	·933	·950	·976	·984	·988	·974	·956	·930
12	·978	·957	·947	·948	·948	·954	·976	·988	30·017	30·024	30·024	·993	·966	·922
13	·966	·959	·952	·935	·944	·961	·977	30·000	·026	·045	·030	30·002	·980	·955
14	·979	·951	·946	·935	·941	·947	·971	29·995	·017	·021	·009	29·986	·967	·937
15	·953	·945	·942	·942	·953	·955	·970	·976	·003	·001	29·991	·981	·951	·931
16	·974	·957	·959	·953	·957	·960	·982	·998	·018	·028	30·022	·994	·968	·940
17	·952	·938	·930	·921	·922	·926	·950	·968	29·986	29·991	29·976	·935	·905	·884
18	·861	·840	·830	·815	·817	·831	·857	·878	·896	·910	·912	·882	·849	·822
19	·846	·840	·827	·820	·827	·838	·866	·887	·914	·908	·892	·858	·830	·800
20	·848	·830	·829	·813	·821	·827	·846	·862	·900	·908	·914	·889	·861	·829
21	·861	·849	·841	·832	·841	·850	·870	·892	·916	·918	·909	·879	·861	·838
22	·854	·830	·820	·814	·831	·836	·853	·880	·910	·922	·920	·891	·874	·848
23	·873	·852	·844	·840	·840	·850	·878	·896	·926	·928	931	·904	·886	·856
24	·873	·850	·847	·846	·856	·875	·895	·913	·936	·941	·929	·896	·877	·845
25	·899	·880	·875	·869	·876	·881	·906	·913	·935	·945	·940	·917	·890	·860
26	·338	·825	·823	·810	·819	·827	·859	·875	·897	·910	·912	·882	·858	·819
27	·836	·825	·8 5	·811	·828	·832	·856	·876	·901	·911	·911	·883	·856	·830
28	·872	·856	·853	·849	·858	·867	·891	·905	·926	·930	·927	·899	·880	·846
Mean .	29·911	29·895	29·888	29·880	29·887	29·896	29·918	29·935	29·961	29·968	29·961	29 932	29·910	29·880
Variation.	+·006	—·010	—·017	—·025	—·018	—·009	+·013	+·030	+·056	+·063	+·056	+·027	+·005	—·025
Mean in millibars.	1012·84	1012·35	1012·12	1011·80	1012·08	1012·38	1013·12	1013·70	1014·54	1014·82	1014·54	1013·58	1012·80	1011·80
Variation in millibars.	+·20	—·34	—·58	—·85	—·61	—·31	+·44	+1·02	+1·90	+2·13	+1·90	+·91	+·17	—·85

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(Averages for sixty minutes from full hour to full hour of local mean time.)

(IN INCHES OF MERCURY AT 32° F.)

Hours (B. M. T.).										Mean		Maximum.		Minimum.		Date.
14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Inches.	Milibars	Time.	Mag.	Time.	Mag.	
												H. M.		H. M.		
29·865	29·865	29·879	29·888	29·911	29·932	29·956	29·959	29·958	29·950	29·910	1012·80	9 0	29·969	3 18	29·843	1
·920	·909	·917	·910	·928	·944	·960	·960	·958	·945	·932	1014·26	9 0	30·032	17 0	·904	2
·899	·887	·888	·893	·909	·932	·958	·974	·968	·949	·949	14·17	9 8	·034	17 10	·886	3
·900	·893	·892	·890	·905	·913	·932	·934	·921	·917	·929	13·17	8 50	·000	17 30	·882	4
·884	·888	·889	·898	·918	·930	·945	·953	·955	·953	·923	13·29	8 36	29·984	3 36	·870	5
·917	·902	·913	·922	·952	·969	·989	·991	·989	·978	·961	14·54	9 18	30·044	16 46	·900	6
·920	·904	·902	·926	·949	·970	·990	·994	·997	·978	·968	14·82	8 32	·040	16 12	·900	7
·932	·921	·926	·930	·934	·955	·987	·990	·983	·969	·968	14·82	9 15	·044	16 40	·918	8
·975	·970	·971	·983	30·002	30·029	30·048	30·047	30·033	30·016	·999	15 87	9 15	·058	4 0	934	9
·969	·952	·960	·966	29·984	·001	·012	·015	·014	29·993	30·001	15·93	8 55	·064	15 40	·948	10
·901	·896	·900	·907	·927	29.944	29·964	29·965	29·967	·949	29·953	14·29	9 25	·023	16 15	·889	11
·918	·905	·922	·935	·954	·976	30·003	30·006	30·001	30·002	·955	14·35	9 12	·011	3 46	·901	12
·955	·937	·950	·962	·983	30·001	·028	·029	·031	·029	·993	15·69	8 48	·041	16 25	·933	13
·931	·927	·938	·947	·959	29·978	·061	·006	29·996	29·937	·983	15·32	9 0	·047	16 0	921	14
·926	·918	·919	·924	·936	·956	29·982	29·988	·984	·968	·968	14·82	8 50	·046	17 0	·912	15
·898	·892	·895	·900	·912	·928	·949	·966	·967	·956	947	14·11	8 50	·016	15 58	·884	16
·914	·901	·905	·908	·924	·934	·944	·948	·947	·936	952	14·26	8 50	·032	16 55	·894	17
·919	·911	·901	·922	·931	·947	·971	·979	·979	·969	952	14·26	9 12	.029	16 40	·899	18
·940	·947	·949	·967	·989	30·007	30·032	30·029	30·021	30·017	·990	15·60	9 10	·063	3 45	·933	19
·999	·981	·972	·986	30·006	·021	·034	·048	·045	·028	30·038	17·22	9 5	·130	17 15	·968	20
·950	·940	·940	·942	29·962	29·984	·001	·002	29·994	29·988	29·996	15·78	9 20	·074	17 26	·930	21
·925	·915	·920	·922	·938	·958	29·979	29·979	·977	·962	·960	14·50	9 26	·026	16 42	·906	22
·930	·924	·936	·940	·968	·980	30·000	30·008	·998	·991	·962	14·58	8 46	·012	4 8	·910	23
·974	·966	·973	·978	30·007	30·020	·032	·032	30·024	30·014	30·001	15·93	8 52	·054	4 10	·952	24
·969	·963	·975	·984	·003	·015	·029	·016	·014	29·995	·008	16·14	8 42	·070	15 35	·956	25
·924	·918	·928	·931	29·949	29·956	29·972	29·968	29·956	·948	29·966	14·74	8 54	·032	15 54	·912	26
·872	·865	·871	·877	·891	·913	·935	·937	·949	·937	·923	13·29	9 0	29·997	15 52	·859	27
·883	·878	·882	·903	·929	·939	·972	·973	·971	·954	·931	13·54	8 42	.985	16 16	·877	28
·968	·962	·969	·967	·988	30·002	30·023	30·028	30·022	30·017	·987	15·47	9 32	30·059	5 0	·929	29
·971	·963	·977	·982	·998	·027	·045	·048	·051	·041	30·017	16·48	9 22	·083	15 50	·957	30
·927	·928	·940	·942	·964	29·989	·018	·025	·021	·012	29·997	15·81	9 20	·076	15 0	·920	31
29·929	29·920	29·926	29·933	29·952	29·969	29·990	29·993	29·990	29·979	29·969	1014·86					Mean.
—·040	—·049	—·043	—·036	—·017	·000	+·021	+·024	+·021	+·010							Variation.
1013·47	1013·20	1013·38	1013·62	1014·26	1014·86	1015·60	1015·69	1015·60	1015·17							Mean in millibars.
—1·35	—1·66	—1·46	—1·22	—·58		+·71	+·81	+·71	+·34							Variation in millibars.

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29·949	29·939	29·934	29·947	29·958	29 973	29·998	30·009	30·008	29·984	29·989	1015·36	9 15	30·083	16 58	29·931	1
·888	·893	·914	·914	·929	·949	·984	·006	·009	·998	·959	14·47	8 50	·021	15 0	·877	2
·955	·942	·933	·931	·957	·974	30·003	·008	·010	·989	·978	15·14	9 42	·041	17 34	·927	3
·903	·897	·898	·913	·928	·949	29·973	29·981	29·982	·971	·952	14·26	9 22	·009	16 44	·891	4
·888	·872	·879	·885	·895	·898	·925	·933	·935	·919	·933	13·62	8 46	·005	16 20	·867	5
·866	·860	·876	·887	·910	·920	·936	·936	·942	·933	·918	13·12	9 0	29·976	15 15	·852	6
·849	·840	·847	·847	·866	·878	·903	·903	·906	·904	·905	12·67	9 20	·984	16 12	·834	7
·835	·826	·832	·826	·839	·851	·869	·879	·877	·864	·874	11·62	8 55	·951	16 0	·817	8
·833	·828	·830	·827	·844	·849	·867	·871	·863	·847	·860	11·20	9 10	·931	17 10	·813	9
·821	·805	·810	·818	·855	·865	·917	·930	·933	·918	·868	11·44	9 6	·939	15 55	·793	10
·900	·891	·895	·897	·921	·936	·978	·998	·998	·988	·936	13·74	21 16	30·000	3 55	·872	11
·898	·880	·880	·886	·905	·928	·962	·976	·985	·976	·955	14·35	9 22	·028	16 16	·870	12
·933	·919	·915	·915	·935	·949	·981	30·000	30·001	·986	·969	14·86	9 16	·049	16 49	·907	13
·919	·908	·917	·921	·936	·947	·975	29·977	29·978	·965	·960	14·56	9 22	·025	16 30	·903	14
·910	·911	·916	·915	·943	·951	·973	·975	·976	·975	·955	14·53	9 0	·007	16 30	·903	15
·920	·906	·908	·912	·936	·954	·970	·978	·976	·966	·964	14·66	9 28	·036	16 26	·904	16
·857	·837	·839	·847	·868	·880	·900	·900	·896	·876	·912	12·88	9 14	29·998	16 0	·832	17
·807	·796	·798	·806	·826	·841	·856	·858	·860	·850	·846	10·68	9 26	·918	16 36	·790	18
·777	·759	·766	·774	·801	·822	·856	·868	·874	·851	·838	10·42	9 0	.918	16 20	·752	19
·811	·804	·805	·811	·834	·856	·884	·896	·888	·872	·852	10·88	10 8	·918	16 48	·794	20
·820	·801	·797	·808	·832	·846	·866	·867	·867	·856	·855	11·00	9 12	·928	16 38	·792	21
·829	·817	·827	·828	·844	·858	·888	·889	·891	·878	·860	11·26	9 20	·924	4 0	·808	22
·838	·823	·832	·838	·857	·870	·896	·890	·894	·880	·872	11·56	10 0	·938	16 0	·816	23
·826	·821	·833	·839	·857	·871	·898	·905	·909	·907	·877	11·71	9 40	·949	16 0	·819	24
·838	·819	·817	·818	·835	·839	·855	·866	·866	·851	·875	11·65	9 24	·961	16 30	·809	25
·800	·790	·792	·799	·814	·837	·853	·851	·845	·839	·841	10·53	9 26	·915	16 28	·781	26
·817	·807	·811	·825	·846	·861	·879	·883	·887	·879	·853	10 92	9 2	·913	16 10	·793	27
·829	·829	·836	·843	·861	·883	·916	·915	·919	·905	·879	11·77	8 54	·937	15 58	·821	28
29·861	29·851	29·855	29·860	29·880	29·895	29·920	29·927	29·928	29·915	29·905	1012·65					Mean.
—·044	—·054	—·050	—·045	—·025	—·010	+·015	+·022	+·023	+·010							Variation.
1011·23	1010·84	1011·00	1012·04	1012·12	1012·35	1013·20	1013·41	1013·44	1013·00							Mean in millibars.
—1·49	—1·82	—1·69	—1·52	—·85	—·34	+·51	+·75	+·78	+·85							Variation in millibars.

MARCH. (Averages for sixty minutes from full hour to full hour of local mean time.)

(IN INCHES OF MERCURY AT 32° F.)

Date.	Hours (B. M. T.)													
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14
1	29·903	29·875	29·857	29·849	29·856	29·863	29·888	29·905	29·933	29·940	29·932	29·902	29·889	29·861
2	·909	·899	·890	·885	·893	·899	·931	·955	·986	**30·006**	30·000	·971	·946	·915
3	·898	·880	·877	·873	·869	·879	·904	·919	·945	29·963	29·943	·915	·886	·853
4	·903	·883	·877	·877	·878	·897	·919	·938	·972	·987	·987	·966	·931	·895
5	·907	·890	·885	·876	·871	·887	·910	·925	·947	·949	·939	·907	·887	·851
6	·859	·837	·827	·819	·827	·835	·863	·881	·921	·931	·927	·895	·865	·833
7	·864	·842	·840	·834	·840	·848	·868	·890	·916	·920	·916	·892	·874	·848
8	·876	·852	·844	·840	·846	·858	·880	·906	·934	·946	·944	·920	·892	·854
9	·900	·893	·889	·877	·893	·901	·925	·941	·971	·981	·977	·941	·919	·887
10	·893	·879	·885	·879	·889	·903	·929	·951	·979	·981	·973	·943	·909	·881
11	·909	·883	·875	·861	·877	·883	·909	·923	·943	·955	·957	·937	·913	·889
12	·917	·889	·893	·881	·889	·901	·933	·945	·967	·961	·951	·919	·893	·859
13	·877	·857	·845	·837	·845	·847	·871	·891	·923	·919	·903	·867	·841	·813
14	·840	·828	·810	·800	·808	·820	·850	·866	·894	·898	·900	·882	·868	·840
15	·866	·850	·856	·846	·858	·862	·896	·904	·934	·932	·924	·896	·874	·851
16	·871	·848	·844	·842	·852	·853	·881	·905	·936	·938	·932	·897	·861	·834
17	·855	·838	·822	·818	·826	·840	·864	·884	·907	·927	·922	·892	·859	·821
18	·845	·818	·814	·806	·811	·821	·852	·879	·913	·926	·932	·907	·886	·846
19	·835	·823	·809	·798	·807	·819	·835	·858	·895	·905	·906	·883	·867	·825
20	·842	·824	·820	·819	·832	·843	·870	·888	·924	·936	·938	·914	·890	·856
21	·886	·862	·863	·857	·872	·875	·901	·911	·939	·943	·939	·901	·886	·843
22	·852	·829	·826	·813	·828	·838	·859	·884	·902	·908	·900	·871	·848	·818
23	·801	·794	·797	·794	·800	·816	·836	·848	·868	·865	·859	·832	·819	·793
24	·800	·791	·786	·772	·778	·812	·816	·830	·856	·858	·850	·826	·804	·781
25	·815	·804	·797	·794	·808	·824	·852	·875	·902	·903	·899	·869	·856	·841
26	·830	·815	·810	·806	·815	·827	·858	·884	·900	·906	·905	·887	·874	·841
27	·857	·834	·820	·817	·825	·840	·880	·905	·935	·936	·936	·910	·897	·876
28	·853	·827	·829	·821	·831	·837	·847	·863	·897	·903	·897	·868	·844	·814
29	·835	·814	·802	·796	·806	·809	·821	·830	·863	·872	·861	·845	·834	·794
30	·820	·799	·788	·778	·792	·802	·830	·859	·878	·876	·874	·844	·821	·794
31	·814	·793	·783	·777	·782	·786	·800	·815	·847	·867	·861	·825	·794	·764
Mean	29·863	29·844	29·837	29·831	29·839	29·849	29·873	29·892	29·920	**29·927**	29·922	29·894	29·872	29·841
Variation	+·004	—·015	—·022	—·028	—·020	—·010	+·014	+·033	+·061	**+·068**	+·063	+·035	+·013	—·018
Mean in millibars.	1011·29	1010·62	1010·38	1010·14	1010·46	1010·77	1011·59	1012·24	1013·20	**1013·41**	1013·26	1012·32	1011·56	1010·53
Variation in millibars.	+·14	—·51	—·75	—·95	—·68	—·34	+·47	+1·12	+2·07	**+2·30**	+2·13	+1·19	+·44	—·61

APRIL.

1	29·764	29·741	29·738	29·736	29·745	29·747	29·787	29·805	29·819	29·817	29·817	29·797	29·781	29·743
2	·775	·761	·755	·746	·757	·774	·800	·815	·829	·844	·849	·831	·818	·781
3	·823	·805	·805	·809	·823	·829	·865	·889	·912	·905	·900	·880	·855	·823
4	·846	·823	817	·818	·828	·844	·872	·898	·932	·934	·934	·902	·872	·846
5	·846	·826	·823	·823	·829	·834	·860	·874	·904	·909	·912	·890	·865	·828
6	·815	·809	·798	·797	·803	·813	·834	·853	·878	·868	·862	·844	·818	·791
7	·763	·753	·740	·741	·749	·771	·793	·814	·851	·848	·845	·821	·798	·764
8	·793	·776	·780	·774	·789	·805	·833	·853	·871	·869	·864	·834	·817	·796
9	·817	·787	·779	·781	·794	·799	·829	·839	·857	·853	·854	·829	·813	·793
10	·796	·775	·772	·762	·774	·775	·801	·814	·835	·840	·832	·805	·785	·748
11	·792	·777	·776	·778	·792	·803	·821	·831	·858	·861	·850	·821	·797	·768
12	·796	·781	·778	·774	·782	·786	·819	·838	·857	·852	·841	·823	·805	·777
13	·792	·772	·758	·766	·777	·787	·822	·835	·869	·874	·866	·838	·817	·782
14	·843	·829	·816	·815	·820	·823	·841	·855	·883	·883	·887	·876	·861	·837
15	·844	·817	·805	·798	·809	·825	·855	·872	·903	·908	·913	·886	·867	·839
16	·841	·827	·819	·815	·828	·841	·869	·891	·935	·956	**·963**	·951	·931	·883
17	·845	·830	·837	·830	·856	·865	·889	·901	·927	·915	·914	·895	·881	·855
18	·849	·835	·829	·831	·846	·859	·879	·898	·929	·933	·934	·907	·897	·852
19	·831	·821	·815	·807	·823	·829	·850	·867	·893	·885	·876	·850	·838	·803
20	·827	·811	·807	·807	·821	·826	·847	·855	·875	·868	·859	·839	·827	·791
21	·834	·816	·807	·789	·800	·805	·828	·854	·874	·884	·884	·874	·855	·825
22	·882	·857	·857	·851	·855	·856	·869	·882	·911	·901	·898	·879	·856	·819
23	·828	·815	·815	·814	·822	·830	·845	·856	·879	·876	·865	·835	·811	·780
24	·818	·809	·801	·797	·808	·818	·839	·854	·884	·883	·872	·851	·848	·815
25	·806	·797	·799	·798	·812	·812	·830	·840	·872	·868	·864	·841	·826	·794
26	·818	·798	·794	·788	·808	·812	·836	·848	·871	·875	·876	·853	·839	·804
27	·798	·785	·784	·775	·785	·794	·828	·829	·845	·848	·844	·824	·808	·775
28	·794	·784	·786	·782	·794	·798	·824	·834	·855	·861	·856	·837	·823	·794
29	·818	·798	·790	·777	·785	·794	·822	·829	·856	·858	·852	·837	·811	·780
30	·790	·770	·762	·759	·767	·777	·811	·821	·845	·848	·850	·833	·827	·786
Mean .	29·816	29·799	29·795	29·791	29·803	29·811	29·837	29·851	29·877	**29·877**	29·874	29·853	29·835	29·802
Variation.	—·001	—·018	—·022	—·026	—·014	—·006	+·020	+·034	+·060	**+·060**	+·057	+·036	+·018	—·015
Mean in millibars.	1009·68	1009·07	1008·95	1008·83	1008·52	1009·53	1010·38	1010·84	1011·71	**1011·71**	1011·66	1010·92	1010·30	1009·18
Variation in millibars.	·— 4	—·61	—·75	—·88	—·47	—·20	+·68	+1·15	+2·03	**+2·03**	+1·93	+1·22	+·61	—·51

MARCH. (Averages for sixty minutes from full hour to full hour of local mean time.)

(IN INCHES OF MERCURY AT 32° F.)

Hours. (B. M. T.).										Mean.		Maximum.		Minimum.		Date.
14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Inches.	Millibars.	Time.	Mag.	Time.	Mag.	
												H. M.		H. M.		
29·843	29·831	29·829	29·838	29·862	29·878	29·909	29·906	29·910	29·909	29·882	1011·88	9 20	29·945	16 50	29·821	1
·889	·875	·874	·874	·887	·897	·915	·917	·917	·911	·918	1013·12	9 12	30·009	17 50	·867	2
·830	·819	·811	·823	·841	·853	·881	·895	·907	·905	·882	11·88	9 25	29·967	16 5	·799	3
·871	·857	·856	·854	·869	·880	·903	·910	·915	·910	·905	12·65	9 24	·995	17 34	·847	4
·825	·807	·811	·813	·825	·839	·861	·867	·873	·865	·876	11·68	9 0	·951	16 22	·795	5
·821	·807	·815	·819	·837	·845	·871	·879	·885	·875	·857	11·08	9 35	·933	16 42	·799	6
·828	·816	·828	·830	·840	·850	·886	·890	·892	·886	·864	11·32	9 8	·924	16 25	·800	7
·838	·832	·840	·856	·878	·892	·916	·924	·926	·914	·884	11·96	9 6	·948	15 48	·824	8
·857	·841	·849	·849	·859	·873	·901	·903	·909	·901	·902	12·56	9 10	·989	15 50	·837	9
·857	·847	·853	·861	·885	·901	·925	·931	·937	·925	·908	12·74	8 48	·989	16 0	·841	10
·865	·841	·847	·855	·881	·901	·929	·931	·939	·923	·901	12·53	9 14	·961	16 24	·823	11
·845	·827	·831	·831	·853	·861	·893	·901	·901	·883	·893	12·29	8 36	·971	16 26	·813	12
·787	·765	·773	·775	·793	·809	·839	·847	·853	·843	·843	10·59	8 25	·925	16 25	·749	13
·820	·804	·812	·818	·840	·856	·882	·892	·892	·880	·850	10·80	9 28	·904	4 36	·786	14
·844	·827	·826	·822	·832	·842	·886	·889	·897	·889	·871	11·53	9 0	·936	17 4	·810	15
·813	·793	·789	·792	·812	·828	·856	·874	·874	·866	·858	11·12	9 0	·946	17 0	·780	16
·804	·789	·792	·798	·814	·838	·858	·870	·866	·852	·848	10·74	9 14	·930	15 45	·780	17
·819	·813	·815	·819	·831	·843	·863	·867	·863	·849	·852	10·88	10 2	·935	4 25	·799	18
·806	·783	·794	·798	·816	·830	·856	·860	·862	·853	·838	10·42	9 4	·909	16 10	·775	19
·831	·820	·826	·828	·846	·862	·894	·912	·910	·900	·868	11·44	9 4	·940	16 22	·810	20
·820	·803	·807	·810	·831	·840	·862	·866	·867	·859	·868	11·44	9 16	·947	17 12	·795	21
·794	·780	·780	·784	·796	·818	·840	·841	·838	·814	·836	10·42	8 16	·912	16 10	·770	22
·766	·754	·765	·766	·782	·798	·815	·820	·827	·823	·810	09·50	8 22	·872	15 48	·748	23
·765	·768	·770	·778	·793	·797	·815	·823	·825	·820	·805	09·30	8 40	·866	16 8	·760	24
·818	·804	·814	·810	·814	·820	·836	·845	·853	·837	·837	10·38	8 56	·904	3 20	·784	25
·831	·819	·825	·830	·842	·858	·880	·882	·882	·869	·853	10·92	8 34	·908	3 48	·792	26
·840	·828	·829	·826	·842	·854	·874	·882	·879	·863	·866	11·38	9 0	·940	2 34	·808	27
·795	·790	·788	·793	·805	·818	·838	·856	·853	·843	·838	10·42	9 0	·913	16 48	·781	28
·765	·749	·763	·766	·783	·794	·809	·822	·834	·830	·812	09·56	8 38	·878	16 24	·742	29
·776	·763	·757	·760	·778	·795	·809	·826	·836	·829	·812	09·56	8 15	·882	17 0	·750	30
·742	·725	·726	·723	·734	·744	·771	·777	·786	·773	·787	08·68	9 0	·871	17 35	·718	31
29·820	29·806	29·809	29·813	29·829	29·842	29·867	29·874	29·878	29·868	29·859	1011·16					Mean.
—·039	—·053	—·050	—·046	—·030	—·017	+·008	+·015	+·019	+·009							Variation.
1009·80	1009·34	1012·20	1009·59	1010·07	1010·56	1011·41	1011·62	1011·74	1011·44							Mean in millibars
—1·32	—1·79	—1·69	—1·56	—·102	—·58	+·27	+·51	+·64	+·31							Variation in millibars.

APRIL.

29·731	29·713	29·724	29·728	29·745	29·746	29·762	29·777	29·764	29·778	29·764	1007·92	8 30	29·823	16 18	29·705	1
·763	·745	·754	·754	·765	·777	·785	·805	·819	·817	·788	08·72	9 36	·853	3 45	·741	2
·807	·793	·795	·791	·806	·814	·831	·847	·854	·846	·838	10·42	8 54	·915	17 32	·781	3
·809	·790	·794	·797	·818	·828	·845	·849	·861	·856	·851	10·84	8 26	·940	16 44	·778	4
·806	·796	·791	·793	·798	·805	·818	·830	·839	·823	·838	10·42	9 20	·919	17 50	·781	5
·761	·735	·731	·718	·724	·726	·737	·747	·759	·759	·791	08·33	8 35	·883	18 40	·708	6
·740	·713	·712	·713	·737	·756	·773	·781	·806	·805	·774	08·22	9 0	·855	16 55	·703	7
·775	·754	·752	·753	·775	·787	·817	·829	·835	·819	·806	09·34	8 48	·873	17 0	·743	8
·779	·767	·765	·765	·783	·793	·811	·814	·819	·801	·805	09·30	8 38	·863	17 28	·751	9
·722	·716	·724	·731	·752	·767	·776	·785	·797	·794	·778	08·34	8 42	·846	15 50	·714	10
·742	·728	·732	·738	·757	·774	·786	·800	·815	·810	·792	08·86	9 0	·864	15 55	·720	11
·752	·744	·726	·740	·748	·768	·788	·794	·805	·798	·790	08·80	8 11	·860	16 55	·724	12
·767	·758	·764	·772	·802	·824	·845	·855	·863	·849	·811	09·53	9 4	·876	16 0	·750	13
·817	·804	·805	·809	·828	·845	·857	·866	·870	·853	·843	10·59	10 8	·895	16 35	·793	14
·825	·817	·816	·817	·835	·853	·878	·877	·880	·853	·850	10·80	9 50	·919	3 44	·793	15
·843	·806	·708	·803	·819	·829	·847	·849	·860	·851	·861	11·23	10 4	·967	17 2	·789	16
·841	·821	820	·826	·839	·849	·849	·873	·878	·865	·863	11·29	8 35	·953	16 33	·811	17
·832	·813	·808	·795	·815	·815	·827	·835	·856	·840	·855	11·00	9 8	·945	17 4	·785	18
·787	·777	·781	·780	·798	·818	·850	·853	·865	·843	·831	10·14	8 45	·893	16 30	·765	19
·730	·758	·756	·758	·781	·789	·825	·825	·855	·846	·818	09·74	8 20	·879	16 25	·747	20
·808	·786	·784	·794	·828	·842	·872	·885	·898	·885	·838	10·42	22 42	·900	16 40	·776	21
·804	·789	·795	·796	·816	·828	·842	·845	·844	·835	·849	10·77	8 28	·914	17 4	·780	22
·767	·750	·762	·765	·794	·805	·822	·824	·827	·822	·817	09·71	8 25	·882	16 25	·738	23
·790	·774	·767	·776	·805	·810	·827	·825	·826	·816	·821	09·83	8 55	·886	16 48	·760	24
·784	·762	·766	·768	·786	·794	·819	·831	·834	·822	·814	09·62	8 28	·874	16 34	·748	25
·788	·777	·769	·781	·806	·817	·823	·826	·826	·808	·818	09·74	9 0	·886	16 48	·758	26
·767	·754	·756	·761	·782	·794	·811	·819	·822	·807	·800	09·10	8 32	·850	16 40	·744	27
·776	·769	·776	·784	·800	·812	·830	·840	·845	·829	·812	09·56	9 0	·866	16 40	·764	28
·771	·751	·747	·752	·776	·788	·806	·818	·818	·804	·802	09·18	8 26	·860	16 35	·736	29
·773	·750	·742	·738	·758	·769	·790	·804	·805	·789	·790	08·80	9 32	·853	16 35	·731	30
29·784	29·767	29·767	29·770	29·789	29·801	29·818	29·827	29·835	29·824	29·817	1009·71					Mean.
—·033	—·050	—·050	—·047	—·028	—·016	+·001	+·010	+·018	+·007							Variation.
1008·56	1008·01	1008·01	1008·10	1008·76	1009·14	1009·74	1010·01	1010·30	1009·92							Mean in millibars.
—1·12	—1·69	—1·69	—1·59	—·95	—·54	—·03	+·34	+·61	+·24							Variation in millibars.

(Averages for sixty minutes from full hour to full hour of local mean time.)

MAY. (IN INCHES OF MERCURY AT 32° F.)

Date.	Hours (B. M. T.).													
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14
1	29·778	29·752	29·747	29·742	29·754	29·767	29·788	29·812	29·839	29·844	29·844	29·829	29·811	29·778
2	·797	·779	·769	·765	·778	·780	·806	·820	·848	·847	·848	·831	·824	·786
3	·763	·741	·735	·731	·733	·740	·757	·776	·814	·813	·812	·787	·775	·743
4	·758	·733	·727	·717	·727	·727	·758	·768	·781	·790	·787	·777	·767	·737
5	·805	·791	·790	·778	·793	·795	·826	·839	·870	·879	**·890**	·886	·861	·831
6	·846	·825	·818	·811	·827	·8 1	·850	·855	·865	·870	·861	·831	·815	·779
7	·806	·782	·779	·768	·775	·777	·799	·806	·828	·828	·818	.782	·763	·737
8	·779	·769	·766	·764	·786	·787	·816	·836	·864	·869	·867	·848	·838	·810
9	·802	·787	·787	·778	·808	·808	·837	·859	·890	·889	·887	·864	·842	·812
10	·804	·784	·777	·779	·793	·795	·823	·836	·855	·848	·843	·827	·817	·787
11	·781	·775	·772	·759	·770	·772	·786	·794	·814	·806	·806	·776	·754	·724
12	·742	·724	·727	·723	·735	·744	·777	·799	·827	·821	·820	·806	·792	·760
13	·783	·764	·770	·765	·782	·793	·822	·836	·851	·849	·851	·832	·818	·790
14	·798	·780	·766	·756	·770	·775	·799	·816	·831	·830	·829	·808	.800	·777
15	·766	·749	·748	·739	·756	·762	·789	·800	·827	·829	·829	·815	·804	·775
16	·749	·733	·731	·730	·747	·757	·789	·807	·837	·842	·836	·821	·818	·780
17	·763	·740	·734	·737	.760	·764	·791	·808	·825	·819	·818	·799	·786	·760
18	·763	·754	·760	·769	·789	·800	·825	·840	·854	·851	·852	·840	·845	·820
19	·833	·815	·809	·802	·820	·823	·844	·861	·885	·889	·887	·878	·866	·834
20	·811	·790	·791	·791	·801	·803	·821	·826	·845	·846	·843	·830	·818	·807
21	·777	·758	·742	·741	·752	·758	·780	·787	·804	·809	·804	·783	·773	·743
22	·752	·744	·740	·739	·749	·753	·778	·789	·806	·805	·804	·793	·786	·757
23	·758	·733	·725	·720	·728	·733	·764	·768	·792	·794	·796	·788	·775	·747
24	·743	·727	·728	·721	·730	·735	·756	·759	·777	·774	·780	·756	·755	·730
25	·716	·698	·702	·696	·707	·713	·742	·757	·778	·783	·785	·763	·748	·722
26	·718	·704	·708	·694	·704	·712	·743	·755	·777	·776	·767	·748	·738	·717
27	·714	·703	·699	·689	·694	·703	·730	·744	·763	·764	·767	·757	·751	·725
28	·730	·715	·703	·692	·704	·711	·741	·745	·772	·778	·781	·762	·751	·731
29	·735	·722	·719	·711	·721	·734	·756	·783	·806	·804	·800	·778	·765	·727
30	·745	·718	·709	·706	·717	·723	·742	·754	·772	·774	·777	·755	·745	·714
31	·743	·709	·703	·696	·706	·711	·727	·735	·751	·747	·750	·737	·723	·699
Mean .	29·770	29·752	29·748	29·742	29·755	29·761	29·786	29·799	29·821	**29·822**	29·821	29·803	29·791	29·763
Variation.	·00	—·018	—·022	—·028	—·015	—·009	+·016	+·029	+·051	**+·052**	+·051	+·033	+·021	—·007
Mean in millibars.	1008·10	1007·48	1007·31	1007·16	1007·60	1007·81	1008·64	1009·07	1009·83	**1009·86**	1009·83	1009·22	1008·83	1007·89
Variation in millibars.	0	—·61	—·75	—·95	—·51	—·31	+·54	+·98	+·73	**+1·67**	+1·73	+1·12	+·71	—·24

JUNE.

1	29·740	29·724	29·723	29·720	29·726	29·730	29·766	29·777	29·789	29·784	29·776	29·746	29·739	29·717
2	·730	·705	·704	·695	·706	·713	·747	·761	·787	·788	·788	·768	·757	·731
3	·726	·706	·697	·690	·700	·707	·731	·740	·754	·744	·744	·724	·710	·700
4	·699	·681	·685	·686	·696	·698	·727	·727	·747	·744	·749	·741	·735	·713
5	·717	·705	·711	·706	·722	·729	·751	·753	·765	·764	·762	·737	·728	·706
6	·729	·709	·716	·713	·722	·714	·736	·752	·778	·778	·783	·764	·752	·728
7	·748	·742	·745	·742	·754	·757	·778	·789	·810	·803	·798	·772	·761	·731
8	·793	·772	·744	·736	·758	·761	·794	·805	**·818**	·808	·804	·776	·754	·718
9	·735	·723	·724	·719	·730	·735	·760	·765	·773	·764	·773	·761	·757	·749
10	·755	·746	·747	·740	·742	·744	·773	·784	·796	·798	·800	·793	·778	·756
11	·742	·723	·717	·716	·712	·721	·743	·754	·767	·770	·771	·756	·748	·725
12	·725	·693	·703	·706	·727	·737	·751	·757	·773	·773	·777	·773	·755	·711
13	·711	·706	·695	·692	·690	·694	·714	·722	·738	·734	·737	·724	·708	·680
14	·711	·690	·683	·678	·687	·684	·716	·718	·737	·745	·753	·733	·719	·700
15	·690	·666	·660	·651	·658	·662	·679	·677	·688	·678	·689	·670	·654	·617
16	·629	·601	·580	·568	·573	·573	·592	·594	·621	·614	·597	·568	·548	·519
17	·561	·538	·532	·530	·520	·504	·528	·540	·556	·565	·569	·542	·516	**·485**
18	·536	·513	·523	·506	·526	·529	·554	·572	·611	·617	·624	·613	·623	·609
19	·620	·601	·608	·604	·625	·638	·661	·664	·691	·699	·714	·690	·681	·661
20	·633	·623	·610	·594	·603	·608	·613	·634	·657	·651	·649	·637	·628	·611
21	·625	·609	·605	·593	·596	·593	·611	·612	·625	·624	·623	·606	·604	·597
22	·610	·589	·589	·580	·608	·614	·641	·650	·665	·660	·666	·660	·653	·638
23	·686	·665	·659	·648	·674	·679	·704	·716	·727	·729	·742	·744	·729	·702
24	·679	·660	·659	·649	·649	·647	·666	·680	·707	·707	·700	·681	·661	·637
25	·607	·586	·578	·573	·575	·576	·593	·605	·644	·670	·673	·643	·617	·579
26	·556	·530	·521	·513	·528	·536	·555	·565	·597	·588	·595	·580	·565	·551
27	·567	·539	·533	·534	·554	·574	·605	·631	·659	·652	·665	·649	·649	·623
28	·663	·635	·631	·618	·636	·628	·648	·669	·696	·695	·689	·678	·668	·650
29	·610	·588	·570	·546	·553	·557	·574	·584	·614	·623	·626	·606	·597	·574
30	·567	·545	·543	·528	·548	·550	·575	·582	·602	·598	·604	·586	·576	·563
Mean .	29·670	29·650	29·647	29·639	29·650	29·653	29·676	29·686	29·706	29·706	**29·708**	29·691	29·679	29·656
Variation.	+·006	—·014	—·017	—·025	—·014	—·011	+·012	+·022	+·042	+·042	**+·044**	+·027	+·015	—·008
Mean in millibars.	1004·76	1004·00	1003·91	1003·67	1004·00	1004·12	1004·96	1005·28	1005·94	1005·94	**1006·02**	1005·43	1005·06	1004·24
Variation in millibars.	+·20	—·47	—·58	—·85	—·47	—·34	+·37	+·75	+1·42	+1·42	**+1·49**	+·91	+·51	—·27

(Averages for sixty minutes from full hour to full hour of local mean time.)

MAY. (IN INCHES OF MERCURY AT 32° F.)

Hours (B. M. T.)										Mean.		Maximum.		Minimum.		Date.
14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Inches.	millibars.	Time.	Mag.	Time.	Mag.	
												H. M.		H. M.		
29·766	29·751	29·755	29·755	29·764	29·782	29·806	29·820	29·827	29·808	29·788	1008·72	8 52	29·851	3 56	29·733	1
·779	·761	·758	·759	·767	·777	·790	·796	·795	·775	·793	08·89	8 45	·851	17 0	·751	2
·723	·700	·704	·708	·726	·743	·764	·768	·776	·770	·764	07·56	8 36	·816	16 40	·692	3
·727	·718	·723	·723	·747	·764	·789	·799	·819	·809	·757	07·68	22 24	·822	17 0	·706	4
·818	·801	·799	·803	·814	·827	·839	·841	·855	·848	·828	10·04	10 6	·892	3 45	·772	5
·764	·745	·750	·750	·774	·797	·828	·837	·839	·818	·816	09·68	9 0	·872	16 9	·734	6
·709	·700	·698	·697	·715	·737	·771	·779	·791	·787	·768	08·04	8 18	·832	17 40	·684	7
·800	·783	·780	·782	·796	·799	·824	·827	·828	·809	·809	09·46	9 0	·874	3 0	·752	8
·804	·787	·783	·790	·802	·811	·822	·824	·829	·815	·822	09·86	8 12	·894	3 40	·772	9
·776	·750	·745	·746	·757	·758	·780	·786	·788	·779	·793	08·89	8 54	·864	18 32	·728	10
·706	·682	·683	·685	·700	·710	·746	·756	·762	·749	·753	07·52	7 54	·819	16 15	·673	11
·744	·721	·720	·722	·745	·762	·793	·797	·806	·796	·767	08·61	8 30	·820	16 50	·699	12
·773	·760	·767	·769	·781	·782	·804	·808	·820	·807	·799	09·07	8 8	·853	16 32	·749	13
·760	·745	·743	·742	·757	·758	·781	·785	·794	·780	·783	08·52	7 50	·833	17 28	·731	14
·751	·735	·726	·727	·744	·750	·771	·773	·772	·766	·771	08·13	9 22	·837	17 0	·715	15
·764	·736	·726	·722	·744	·748	·772	·773	·779	·775	·771	08·13	9 2	·849	17 22	·709	16
·737	·714	·719	·715	·727	·733	·756	·765	·782	·774	·764	07·92	8 35	·831	17 32	·696	17
·814	·784	·780	·783	·804	·815	·847	·856	·857	·841	·814	09·62	21 50	·863	2 0	·745	18
·816	·791	·786	·789	·807	·812	·833	·833	·834	·814	**·832**	**10·18**	9 30	**·901**	17 0	·773	19
·777	·757	·748	·749	·762	·768	·796	·801	·805	·787	·799	09·07	8 52	·851	17 0	·729	20
·719	·704	·703	·702	·725	·738	·763	·768	·772	·762	·757	07·68	9 2	·811	16 48	·691	21
·746	·723	·720	·719	·745	·747	·778	·779	·779	·769	·763	07·89	8 28	·809	17 15	·711	22
·743	·723	·725	·728	·743	·748	·764	·759	·755	·750	·752	07·48	10 3	·802	3 40	·712	23
·711	·699	·697	·698	·717	·725	·744	·744	·746	·727	·737	07·01	8 45	·782	16 54	·690	24
·708	·687	·683	·686	·710	·719	·741	·733	·737	·723	·728	06·72	9 20	·790	16 52	·668	25
·705	·683	·683	·679	·684	·692	·724	·727	·741	·727	·721	06·44	8 44	·778	17 20	·668	26
·708	·691	·692	·694	·708	·726	·745	·751	·754	·741	·726	06 64	9 8	·768	16 22	·674	27
·723	·699	·692	·696	·718	·730	·741	·743	·746	·741	·721	06·44	8 52	·786	17 16	·678	28
·712	·695	·698	·701	·717	·727	·746	·749	·771	·758	·743	07·19	8 28	·812	16 25	·686	29
·693	·669	·678	·681	·696	·709	·738	·752	·771	·758	·729	06·76	9 0	·782	16 25	·656	30
·683	**·662**	·662	·666	·688	·701	·732	·739	·748	·741	**·715**	**06·25**	8 25	·758	17 22	**·648**	31
29·747	29·728	**29 727**	29·728	29·745	29·755	29·778	29·783	29·790	29·778	29·770	1008·10					Mean.
—·023	—·042	**—·043**	—·042	—·025	—·015	+·008	+·013	+·020	+·008							Variation.
1007·31	1006·72	**1006·68**	1006·72	1007·25	1007·60	1008·34	1008·52	1008·80	1008·34							Mean in millibars.
—·78	—1·42	**—1·46**	—1·42	—·85	—·51	+·27	+·44	+·68	+·27							Variation in millibars.

JUNE.

29·697	29·671	29·676	29·683	29·702	29·711	29·734	29·739	29·753	29·740	29·732	1006·86	8 14	29·793	16 16	29·657	1
·718	·700	·701	·694	·708	·718	·742	·745	·754	·735	·733	06·89	8 35	·791	17 0	·683	2
·684	·663	·669	·668	·679	·685	·705	·703	·706	·692	·705	05·90	8 42	·755	17 56	·653	3
·696	·684	·683	·684	·695	·698	·717	·719	·730	·722	·711	06·13	8 0	·754	4 24	·672	4
·685	·671	·675	·672	·689	·713	·745	·749	·775	·749	·724	06·56	22 25	·782	17 0	·656	5
·705	·678	·683	·677	·724	·750	·774	·767	·774	·763	·736	06·78	10 6	·789	17 8	·669	6
·719	·705	·719	·705	·735	·756	·787	·793	·804	·797	**·760**	**07·30**	23 0	·816	17 32	·686	7
·704	·684	·672	·688	·726	·737	·756	·743	·760	·748	·752	07·48	8 0	**·821**	16 40	·647	8
·735	·702	·689	·686	·696	·723	·755	·756	·763	·755	·739	06·07	7 28	·776	16 50	·662	9
·738	·713	·705	·701	·718	·740	·762	·765	·769	·763	·755	07·60	9 15	·803	17 52	·691	10
·705	·675	·679	·675	·693	·715	·743	·753	·747	·739	·729	06·76	9 28	·775	17 10	·665	11
·679	·665	·654	·653	·687	·703	·719	·720	·737	·729	·721	06·44	9 30	·781	16 50	·643	12
·664	·647	·655	·652	·675	·690	·717	·714	·725	·720	·700	05·70	8 12	·748	15 54	·638	13
·681	·657	·662	·663	·682	·689	·710	·711	·721	·693	·701	05·74	9 30	·756	17 0	·640	14
·594	·577	·574	·571	·603	·620	·628	·628	·628	·631	·641	03·73	10 2	·693	17 15	·553	15
·505	·496	·498	·494	·526	·537	·563	·570	·574	·570	·563	01·09	8 42	·625	17 0	·473	16
·496	·486	·520	·496	·516	·518	·540	·545	·560	·546	**·530**	**00·00**	9 54	·575	13 30	**·463**	17
·595	·581	·571	·573	·598	·608	·621	·635	·647	·638	·584	01·82	21 38	·653	3 26	·493	18
·630	·613	·622	·625	·648	·649	·651	·657	·672	·652	·649	03·97	9 54	·723	2 16	·581	19
·608	·581	·583	·586	·593	·607	·635	·636	·650	·637	·619	02·97	8 37	·660	17 4	·568	20
·595	·570	·574	·567	·579	·586	·613	·617	·621	·610	·602	02·46	9 30	·628	18 0	·554	21
·640	·625	·627	·630	·648	·656	·683	·687	·707	·693	·642	03·76	22 4	·712	3 45	·578	22
·682	·653	·652	·646	·656	·668	·698	·705	·704	·692	·690	05·40	9 36	·747	3 30	·637	23
·618	·592	·584	·575	·592	·608	·629	·636	·639	·621	·645	03·85	9 16	·715	17 40	·569	24
·578	·548	·548	·546	·546	·555	·585	·588	·590	·571	·591	02·04	9 14	·686	16 53	·526	25
·531	·521	·523	·522	·549	·575	·594	·596	·598	·579	·557	00·91	8 30	·602	3 14	·496	26
·619	·611	·605	·600	·617	·631	·673	·685	·687	·674	·618	02·94	22 38	·692	3 0	·520	27
·636	·614	·582	·574	·601	·616	·637	·638	·658	·640	·642	03·76	9 6	·707	17 30	·555	28
·568	·536	·537	·537	·554	·566	·584	·592	·596	·579	·578	01·62	9 12	·627	16 40	·519	29
·556	·546	·528	·522	·554	·574	·594	·593	·599	·589	·568	01·24	9 2	·606	17 7	·510	30
29·642	29·622	29·622	**29·619**	29·640	29·653	29·676	29·680	29·688	29·676	29·664	1004·51					Mean.
—·022	—·042	—·042	**—·045**	—·024	—·011	+·012	+·016	+·024	+·012							Variation.
1003·76	1003·08	1003·08	**1002·97**	1003·70	1004·12	1004·94	1005·10	1005·34	1004·94							Mean in millibars.
—·75	—1·42	—1·42	**—1·52**	—·81	—·34	+·41	+·54	+·81	+·41							Variation in millibars.

(Averages for sixty minutes from full hour to full hour of local mean time.)

JULY. (IN INCHES OF MERCURY AT 32°F.)

Date.	Hours. (B. M. T.)													
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14
1	29·581	29·569	29·568	29·556	29·580	29·585	29·605	29·608	29·629	29·635	29·651	29·631	29·642	29·635
2	·631	·609	·615	·606	·613	·617	·635	·646	·667	·669	·669	·657	·646	·629
3	·618	·592	·583	·575	·572	·572	·579	·584	·594	·594	·601	·583	·582	·551
4	·543	·525	·518	·512	·506	·512	·539	·541	·544	·544	·566	·564	·572	·564
5	·572	·554	·556	·547	·555	·555	·575	·577	·596	·598	·604	·596	·594	·567
6	·569	·546	·548	·542	·548	·557	·575	·572	·595	·596	·587	·590	·581	·557
7	·585	·568	·567	·565	·574	·576	·601	·611	·631	·624	·620	·599	·599	·595
8	·594	·567	·554	·546	·560	·564	·595	·603	·611	·609	·609	·608	·602	·582
9	·559	·549	·548	·543	·553	·549	·566	·567	·588	·589	·594	·580	·577	·564
10	·550	·537	·537	·534	·541	·537	·555	·559	·574	·574	·579	·571	·567	·553
11	·571	·565	·567	·574	·583	·596	·621	·635	·644	·651	·664	·658	·663	·651
12	·667	·645	·635	·625	·631	·635	·653	·663	·681	·683	·687	·681	·679	·668
13	·673	·655	·649	·636	·642	·644	·667	·673	·690	·691	·693	·679	·676	·663
14	·650	·634	·626	·614	·616	·616	·639	·645	·670	·665	·669	·648	·644	·616
15	·674	·658	·657	·655	·656	·655	·673	·680	·693	·694	·693	·685	·684	·655
16	·657	·645	·644	·633	·636	·647	·673	·674	·691	·691	·696	·677	·678	·658
17	·660	·636	·634	·633	·635	·639	·661	·664	·674	·676	·693	·687	·681	·653
18	·651	·642	·646	·638	·655	·656	·684	·685	·702	·707	·715	·710	·713	·694
19	·714	·691	·685	·675	·688	·689	·715	·734	·756	·752	·763	·745	·748	·745
20	·724	·698	·688	·680	·694	·704	·724	·736	·765	·769	·772	·766	·755	·712
21	·703	·679	·664	·658	·664	·668	·684	·694	·696	·698	·698	·677	·668	·655
22	·646	·626	·620	·608	·636	·638	·666	·668	·682	·682	·683	·678	·661	·644
23	·685	·650	·637	·632	·644	·646	·671	·674	·704	·706	·706	·696	·678	·680
24	·700	·671	·665	·660	·658	·660	·692	·696	·716	·717	·719	·715	·702	·685
25	·625	·606	·594	·576	·584	·594	·622	·624	·645	·645	·646	·629	·626	·614
26	·627	·603	·604	·593	·593	·599	·625	·643	·665	·665	·673	·667	·657	·643
27	·682	·671	·658	·655	·660	·663	·684	·705	·731	·734	·735	·726	·724	·702
28	·713	·698	·693	·675	·683	·681	·698	·708	·732	·733	·733	·715	·705	·685
29	·675	·655	·655	·645	·647	·647	·671	·675	·691	·693	·698	·691	·690	·661
30	·667	·645	·634	·627	·632	·635	·669	·684	·703	·705	·707	·691	·689	·675
31	·680	·652	·646	·644	·651	·654	·678	·688	·704	·704	·710	·694	·690	·668
Mean	29·640	29·621	29·616	**29·608**	29·616	29·619	29·642	29·649	29·667	29·667	**29·672**	29·661	29·657	29·639
Variation	—·001	—·020	—·025	**—·033**	—·025	—·022	+·001	+·008	+·026	+·026	**+·031**	+·020	+·016	—·002
Mean in millibars.	1003·70	1003·04	1002·88	**1002·64**	1002·88	1002·97	1003·76	1003·97	1004·61	1004·61	**1004·77**	1004·42	1004·28	1003·67
Variation in millibars.	—·03	—·68	—·85	**—1·12**	—·85	—·75	+·03	+·27	+·88	+·88	**+1·05**	+·68	+·54	—·07

AUGUST.

1	29·665	29·651	29·634	29·624	29·626	29·628	29·644	29·660	29·684	29·690	29·690	29·690	29·686	29·673
2	·671	·661	·650	·641	·645	·640	·655	·668	·697	·690	·693	·673	·663	·641
3	·651	·644	·640	·632	·638	·642	·654	·660	·688	·690	·694	·690	·682	·667
4	·659	·636	·635	·626	·635	·631	·653	·669	·689	·691	·701	·689	·683	·683
5	·701	·673	·674	·664	·670	·676	·694	·718	·733	·739	·749	·733	·723	·713
6	·714	·697	·694	·685	·688	·694	·714	·721	·743	·744	·750	·744	·731	·727
7	·741	·717	·720	·711	·722	·735	·742	·766	·781	·782	·782	·779	·780	·767
8	·784	·774	·745	·745	·753	·757	·783	·791	·815	·817	·815	·799	·786	·784
9	·749	·723	·719	·715	·721	·717	·749	·753	·779	·775	·779	·763	·762	·732
10	·742	·732	·727	·729	·731	·733	·753	·771	·800	·792	·795	·783	·782	·762
11	·808	·777	·771	·771	·777	·779	·792	·806	·831	·835	·836	·823	·811	·782
12	·781	·764	·770	·751	·763	·771	·799	·805	·825	·827	·825	·813	·803	·792
13	·771	·741	·733	·724	·739	·743	·775	·783	·812	·816	·819	·803	·793	·774
14	·777	·757	·751	·750	·753	·756	·777	·786	·810	·809	·810	·797	·791	·774
15	·764	·753	·742	·733	·735	·738	·765	·771	·781	·783	·789	·783	·765	·751
16	·768	·755	·753	·745	·761	·765	·789	·791	·805	·811	·827	·812	·804	·796
17	·794	·775	·775	·755	·765	·771	·787	·791	·821	·815	·821	·805	·792	·775
18	·781	·757	·755	·741	·753	·755	·771	·781	·805	·805	·818	·793	·786	·761
19	·781	·762	·743	·733	·741	·743	·771	·773	·801	·801	·803	·795	·792	·763
20	·792	·771	·763	·757	·765	·775	·791	·803	·835	·835	·837	·823	·819	·787
21	·811	·791	·783	·773	·789	·795	·821	·829	**·849**	·844	·842	·836	·824	·805
22	·809	·786	·782	·771	·783	·777	·782	·802	·831	·830	·836	·825	·808	·791
23	·801	·781	·775	·777	·779	·779	·792	·807	·825	·830	·826	·806	·799	·776
24	·782	·758	·751	·750	·763	·764	·782	·793	·815	·821	·823	·819	·797	·761
25	·775	·755	·749	·739	·757	·757	·774	·783	·813	·815	·831	·807	·783	·746
26	·751	·733	·723	·717	·729	·729	·749	·771	·801	·795	·795	·779	·753	·715
27	·711	·694	·689	·673	·685	·701	·715	·729	·763	·751	·751	·723	·715	·673
28	·693	·675	·675	·659	·662	·668	·691	·715	·731	·733	·729	·705	·697	·670
29	·702	·676	·674	·668	·676	·674	·704	·714	·722	·724	·724	·702	·685	·651
30	·711	·677	·673	·656	·661	·662	·690	·704	·730	·726	·722	·703	·686	·654
31	·682	·650	·642	·626	·640	·642	·661	·678	·691	·694	·710	·690	·682	·654
Mean	29·746	29·726	29·720	**29·711**	29·720	29·722	29·743	29·754	29·777	29·778	**29·781**	29·767	29·757	29·735
Variation.	+·003	—·017	—·023	**—·032**	—·023	—·021	·000	+·011	+·034	+·035	**+·038**	+·024	+·014	—·008
Mean in millibars.	1007·28	1006·24	1006·40	**1006·13**	1006·40	1006·48	1007·19	1007·56	1008·31	1008·34	**1008·44**	1008·01	1007·68	1006·95
Variation in millibars.	—·10	—·58	—·78	**—1·01**	—·78	—·71	·00	+·37	+1·15	+1·19	**+1·29**	+·81	+·47	—·27

(Averages for sixty minutes from full hour to full hour of local mean time.)

JULY. (IN INCHES OF MERCURY AT 32° F.)

Hours. (B. M. T.)										Mean.		Maximum.		Minimum		Date.
14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Inches.	Millibars.	Time.	Mag.	Time.	Mag.	
												H. M.		H. M.		
29·617	29·586	29·588	29·590	29·606	29·608	29·634	29·641	29·671	29·649	29·611	1002·73	22 28	29 674	3 32	29·552	1
·621	·599	·595	·596	·613	·617	·632	·636	·643	·622	·628	03·32	8 25	·672	15 52	·588	2
·535	·509	·498	·494	·515	·521	·546	·546	·555	·548	·560	01·00	9 26	·604	17 20	·490	3
·537	·526	·526	·527	·551	·558	·573	·576	·594	·580	·546	00·54	22 20	·600	5 0	·500	4
·561	·547	·530	·531	·552	·565	·583	·579	·587	·579	·569	01·27	10 4	·606	17 0	·526	5
·549	·546	·546	·548	·561	·574	·602	·605	·612	·598	·571	01·34	22 8	·620	5 10	·540	6
·585	·559	·566	·567	·583	·582	·604	·605	·611	·589	·590	02·00	8 4	·638	16 6	·552	7
·566	·538	·537	·539	·559	·563	·589	·590	·595	·567	·577	01·58	8 6	·6 4	17 8	·522	8
·542	·513	·519	·524	·535	·537	·563	·573	·577	·564	·557	00·91	9 24	·599	16 20	·511	9
·554	·543	·536	·545	·569	·574	·580	·581	·581	·574	·559	00·97	22 20	·593	3 54	·527	10
·643	·633	·630	·627	·640	·643	·672	·678	·679	·677	·632	03·46	22 0	·685	2 16	·555	11
·647	·645	·643	·641	·653	·659	·694	·706	·709	·693	·663	04·49	21 34	·713	4 4	·613	12
·650	·642	·626	·626	·647	·656	·675	·675	·680	·668	·662	04·49	9 40	·700	17 25	·616	13
·620	·608	·606	·606	·622	·634	·660	·670	·692	·674	·639	03·67	22 32	·696	16 54	·596	14
·635	·623	·617	·623	·648	·663	·678	·683	·693	·675	·665	04·55	21 58	·697	16 58	·605	15
·655	·634	·635	·638	·663	·668	·691	·693	·695	·676	·665	04·55	9 38	·701	4 12	·627	16
·647	·635	·634	·631	·644	·651	·667	·675	·674	·667	·656	04·24	10 34	·699	17 22	·617	17
·691	·685	·681	·684	·702	·709	·725	·735	·746	·727	·691	05·43	21 48	·752	3 50	·628	18
·741	·722	·722	·726	·745	·746	·772	·772	·768	·739	·731	06·83	21 24	·784	4 10	·674	19
·703	·682	·694	·688	·704	·708	·717	·716	·727	·711	·718	06·34	8 10	·776	3 32	·676	20
·642	·634	·639	·646	·672	·676	·678	·677	·679	·666	·671	04·73	7 34	·700	16 2	·618	21
·628	·622	·622	·621	·651	·653	·685	·687	·702	·691	·654	04·16	22 26	·704	3 32	·600	22
·673	·662	·664	·668	·685	·689	·720	·718	·724	·716	·680	05·10	22 4	·730	3 30	·624	23
·668	·656	·650	·640	·655	·658	·674	·673	·672	·644	·677	04·98	9 0	·724	16 58	·628	24
·595	·582	·594	·602	·625	·633	·660	·658	·664	·641	·620	03·00	21 26	·666	3 52	·572	25
·645	·643	·643	·643	·654	·665	·694	·695	·693	·685	·647	03 91	21 25	·697	4 32	·579	26
·692	·678	·685	·693	·711	·723	·745	·748	·747	·724	·703	05·82	21 46	·753	5 4	·649	27
·682	·662	·659	·657	·687	·698	·705	·705	·703	·683	·696	05·58	8 48	·739	16 24	·649	28
·652	·637	·633	·633	·645	·658	·681	·688	·688	·678	·666	04·58	9 10	·701	16 50	·623	29
·671	·659	·664	·664	·671	·671	·684	·689	·698	·686	·672	04·78	9 0	·711	16 34	·647	30
·666	·657	·651	·641	·646	·652	·656	·664	·670	·664	·668	04·64	8 35	·714	17 0	·632	31
29·629	29·615	29·614	29·615	29·633	29·639	29·659	29·662	29·669	29·654	29·641	1003·74					Mean.
—·012	—·026	—·027	—·026	—·008	—·002	+·018	+·021	+·028	+·013							Variation.
1003·36	1002·84	1002·80	1002·84	1003·50	1003·66	1004·35	1004·46	1004·64	1004·16							Mean in millibars
—·41	—·88	—·91	—·88	—·27	—·07	+·61	+·71	+·95	+·44							Variation in millibars.

AUGUST.

29·664	29·648	29·648	29·640	29·658	29·668	29·686	29·686	29·691	29·683	29·663	1004·49	22 0	29·694	4 30	29·618	1
·628	·611	·617	·618	·628	·638	·658	·660	·665	·661	·653	04·12	8 52	·700	16 14	·606	2
·655	·641	·643	·644	·660	·664	·690	·688	·690	·674	·663	04·49	10 0	·698	4 25	·630	3
·663	·659	·659	·652	·672	·679	·708	·718	·722	·711	·672	04 78	21 30	·725	4 26	·625	4
·703	·686	·686	·688	·709	·719	·733	·727	·740	·721	·707	05·98	9 40	·751	4 25	·659	5
·715	·694	·708	·709	·732	·740	·738	·745	·747	·748	·722	06·48	8 24	·754	4 36	·678	6
·767	·755	·752	·747	·767	·781	·791	·791	·791	·785	·761	07 81	21 30	·797	3 55	·705	7
·764	·753	·754	·757	·772	·775	·775	·773	·775	·763	·775	08·25	9 8	·827	3 55	·741	8
·732	·724	·727	·727	·746	·752	·764	·765	·767	·753	·746	07·28	9 15	·785	4 48	·707	9
·761	·752	·751	·755	·772	·779	·794	·805	·813	·811	·768	08·04	21 40	·815	3 34	·717	10
·774	·757	·762	·763	·781	·783	·815	·817	·821	·796	·795	08·95	9 10	·841	16 14	·747	11
·779	·766	·762	·753	·771	·777	·783	·793	·794	·791	·786	08·64	8 44	·829	3 42	·745	12
·765	·755	·755	·753	·779	·780	·792	·791	·791	·786	·774	08·22	9 0	·823	3 55	·717	13
·771	·755	·763	·763	·773	·775	·783	·787	·785	·769	·776	08·34	8 42	·815	3 52	·743	14
·751	·735	·735	·740	·753	·771	·792	·788	·792	·783	·762	07·86	21 6	·797	16 36	·719	15
·793	·774	·773	·774	·781	·786	·807	·805	·815	·804	·787	08 68	9 40	·829	3 38	·737	16
·761	·753	·751	·750	·761	·779	·785	·787	·793	·791	·781	08·44	9 0	·829	16 40	·737	17
·747	·731	·731	·733	·755	·773	·795	·793	·795	·791	·771	08·13	9 22	·823	16 36	·719	18
·751	·751	·751	·743	·770	·771	·801	·812	·813	·801	·774	08·22	21 35	·821	4 5	·725	19
·783	·765	·764	·772	·799	·804	·831	·828	·840	·819	·798	09·04	8 32	·842	3 44	·755	20
·795	·784	·783	·782	·799	·807	·831	·827	·831	·817	·810	09·50	8 44	·855	4 4	·759	21
·784	·773	·771	·777	·792	·801	·823	·825	·828	·814	·800	09·10	10 10	·839	4 14	·763	22
·773	·763	·763	·771	·780	·788	·802	·808	·810	·795	·792	08 86	8 45	·831	16 26	·755	23
·755	·743	·746	·747	·771	·775	·791	·791	·797	·776	·778	08·34	9 35	·831	16 32	·737	24
·721	·712	·727	·727	·733	·745	·755	·757	·766	·754	·762	07·86	9 20	·833	15 44	·705	25
·691	·669	·652	·671	·695	·715	·733	·732	·733	·719	·731	06 83	8 54	·805	15 42	·651	26
·660	·641	·635	·641	·676	·683	·721	·731	·733	·709	·700	05·70	8 26	·755	17 0	·627	27
·662	·647	·639	·639	·667	·675	·713	·707	·719	·709	·687	05·31	8 50	·735	16 52	·629	28
·642	·624	·628	·638	·672	·684	·720	·716	·722	·710	·685	05·25	7 50	·730	16 48	·620	29
·637	·622	·630	·632	·654	·670	·704	·706	·708	·691	·680	05·10	8 50	·738	15 38	·620	30
·638	·615	·625	·627	·657	·670	·690	·702	·706	·703	·666	04·58	9 38	·714	16 25	·610	31
29·725	29·712	29·713	29·714	29·733	29·742	29·761	29·763	29·768	29·756	29·743	1007·19					Mean.
—·018	—·031	—·030	—·029	—·010	—·001	+·018	+·020	+·025	+·013							Variation.
1006·60	1006·16	1006·19	1006·22	1006·89	1007·16	1007·83	1007·89	1008·04	1007·64							Mean in millibars
—·61	—1·05	—1·02	—·98	—·34	—·03	+·61	+·68	+·85	+·44							Variation in millibars

(Averages for sixty minutes from full hour to full hour of local mean time.)

SEPTEMBER. (IN INCHES OF MERCURY AT 32° F.)

Date.	Hours. (B. M. T.)													
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14
1	29·703	29·684	29·677	29·668	29·678	29·681	29·713	29·735	29·754	29·745	29·751	29·734	29·729	29·700
2	·713	·695	·697	·680	·691	·697	·720	·734	·766	·775	·776	·769	·751	·720
3	·744	·724	·715	·715	·723	·724	·744	·759	·788	·783	·787	·778	·774	·744
4	·776	·747	·749	·743	·751	·756	·775	·792	·811	·814	·809	·794	·781	·758
5	·780	·757	·751	·742	·742	·744	·762	·771	·793	·791	·793	·769	·762	·734
6	·750	·722	·715	·697	·703	·705	·730	·731	·764	·766	·766	·744	·732	·707
7	·695	·674	·660	·646	·656	·656	·666	·684	·705	·699	·704	·687	·681	·645
8	·681	·653	·651	·645	·661	·662	·693	·706	·726	·726	·728	·708	·694	·673
9	·702	·685	·684	·684	·686	·694	·711	·724	·755	·754	·754	·738	·731	·706
10	·688	·673	·666	·655	·662	·665	·691	·694	·715	·717	·718	·685	·674	·647
11	·647	·626	·611	·597	·606	·608	·625	·635	·653	·653	·670	·652	·642	·623
12	·676	·663	·671	·666	·679	·682	·688	·703	·746	·752	·746	·733	·728	·712
13	·754	·732	·729	·718	·724	·731	·748	·766	·782	·782	·777	·763	·758	·722
14	·731	·704	·693	·684	·691	·686	·711	·716	·741	·743	·742	·724	·713	·685
15	·705	·682	·666	·659	·664	·674	·692	·706	·724	·723	·723	·716	·698	·665
16	·676	·658	·655	·648	·658	·656	·677	·691	·714	·716	·716	·704	·696	·666
17	·717	·694	·693	·689	·698	·703	·723	·736	·767	·765	·771	·755	·752	·734
18	·752	·723	·724	·714	·719	·717	·751	·755	·781	·784	·784	·756	·754	·733
19	·764	·740	·739	·727	·740	·745	·763	·775	·801	·807	·813	·802	·793	·773
20	·794	·771	·781	·772	·780	·784	·817	·822	·828	·844	·844	·827	·813	·783
21	·804	·787	·789	·788	·801	·803	·824	·833	·865	·866	·868	·839	·830	·811
22	·834	·819	·814	·810	·813	·815	·842	·855	·883	·883	·884	·858	·844	·823
23	·840	·834	·830	·834	·834	·840	·866	·883	·914	·914	·914	·892	·871	·842
24	·844	·827	·823	·812	·824	·828	·853	·868	·905	·903	·904	·880	·862	·834
25	·852	·829	·816	·806	·823	·826	·857	·873	·890	·889	·893	·871	·853	·819
26	·838	·818	·817	·807	·815	·825	·846	·865	·896	·896	·895	·861	·844	·818
27	·824	·814	·813	·808	·824	·831	·861	·875	·901	·898	·896	·877	·858	·836
28	·836	·827	·829	·835	·856	·866	·897	·908	·926	·925	·917	·887	·861	·835
29	·856	·837	·835	·827	·841	·845	·873	·875	·897	·897	·896	·877	·856	·831
30	·876	·861	·858	·853	·864	·866	·876	·893	·914	·912	·915	·879	·858	·827
Mean .	29·762	29·742	29·738	29·731	29·740	29·744	29·767	29·778	29·804	29·804	**29·805**	29·785	29·773	29·747
Variation.	+·001	—·019	—·023	—·030	—·021	—·017	+·006	+·017	+·043	+·043	**+·044**	+·024	+·012	—·014
Mean in millibars.	1007·86	1007·16	1007·04	1006·83	1007·10	1007·22	1008·01	1008·34	1009·26	1009·26	**1009·30**	1008·60	1008·19	1007·31
Variation in millibars.	+·03	—·64	—·78	—1·02	—·71	—·58	+·20	+·58	+1·46	+1·46	**+1·49**	+·81	+·41	—·47

OCTOBER.

1	29·837	29·816	29·808	29·796	29·807	29·810	29·838	29·853	29·866	29·867	29·854	29·830	29·817	29·786
2	·826	·806	·805	·800	·813	·824	·855	·873	·900	·895	·885	·856	·841	·813
3	·836	·826	·823	·815	·829	·833	·864	·880	·903	·894	·880	·847	·834	·809
4	·839	·834	·833	·823	·835	·843	·874	·894	·905	·903	·895	·872	·847	·820
5	·873	·860	·857	·854	·866	·882	·905	·923	·946	·939	·939	·898	·875	·850
6	·849	·835	·843	·843	·853	·863	·893	·904	·930	·927	·920	·893	·866	·837
7	·880	·860	·859	·849	·853	·863	·887	·900	·922	·921	·916	·885	·873	·831
8	·847	·836	·835	·835	·854	·864	·892	·903	·919	·917	·909	·872	·852	·823
9	·863	·852	·853	·850	·859	·875	·901	·916	·945	·945	·936	·911	·893	·862
10	·895	·873	·865	·863	·873	·875	·895	·900	·925	·925	·915	·883	·855	·822
11	·842	·825	·825	·825	·836	·845	·873	·883	·894	·894	·885	·848	·832	·795
12	·799	·795	·792	·787	·803	·813	·835	·844	·855	·853	·840	·811	·795	·769
13	·820	·807	·803	·788	·802	·813	·832	·843	·867	·857	·853	·822	·804	·774
14	·803	·786	·786	·776	·790	·793	·810	·819	·842	·842	·824	·795	·777	·752
15	·785	·765	·768	·759	·766	·772	·794	·811	·834	·834	·833	·804	·794	·766
16	·783	·772	·772	·765	·771	·774	·793	·804	·834	·842	·842	·815	·784	·756
17	·784	·768	·758	·758	·772	·783	·815	·824	·844	·844	·844	·815	·891	·754
18	·783	·756	·752	·745	·771	·778	·803	·822	·842	·843	·829	·795	·769	·730
19	·732	·720	·721	·707	·712	·717	·741	·744	·770	·762	·755	·706	·680	·636
20	·621	·599	·599	·595	·611	·615	·655	·659	·690	·691	·680	·643	·618	·578
21	·622	·613	·610	·611	·614	·625	·644	·662	·691	·681	·673	·642	·622	·585
22	·605	·601	·602	·599	·612	·625	·652	·655	·671	·664	·652	·623	·613	·585
23	·644	·632	·631	·631	·653	·657	·681	·693	·714	·720	·724	·701	·685	·663
24	·735	·719	·725	·723	·730	·740	·764	·780	·809	·814	·802	·777	·755	·739
25	·807	·798	·794	·785	·787	·793	·821	·843	·878	·878	·876	·850	·839	·795
26	·851	·835	·830	·818	·831	·836	·872	·881	·915	·919	·915	·884	·858	·827
27	·885	·864	·865	·860	·871	·882	·900	·915	·932	·935	·935	·914	·905	·875
28	·963	·947	·947	·947	·955	·957	·982	·986	**30·015**	30·013	·999	·969	·946	·918
29	·957	·942	·935	·916	·922	·931	·947	·957	29·985	29·985	·966	·927	·915	·883
30	·875	·845	·834	·837	·852	·861	·895	·900	·924	·924	·904	·876	·855	·825
31	·832	·834	·835	·835	·843	·854	·876	·892	·910	·907	·894	·875	·857	·825
Mean .	29·809	29·794	29·792	29·787	29·798	29·806	29·832	29·844	**29·867**	29·866	29·857	29·827	29·808	29·777
Variation.	—·001	—·016	—·018	—·023	—·012	—·004	+·022	+·034	**+·057**	+·056	+·047	+·017	—·002	—·033
Mean in millibars.	1009·46	1008·92	1008·86	1008·68	1009·04	1009·34	1010·18	1010·62	**1011·41**	1011·38	1011·08	1010·01	1009·42	1008·31
Variation in millibars	—·03	—·54	—·61	—·78	—·41	—·13	+·75	+1·15	**+1·93**	+1·90	+1·59	+·58	—·07	—1·12

(Averages for sixty minutes from full hour to full hour of local mean time.)

SEPTEMBER. (IN INCHES OF MERCURY AT 32° F.)

Hours. (B. M. T.)										Mean.		Maximum.		Minimum.		Date.
14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Inches.	Millibars.	Time.	Mag.	Time.	Mag.	
												H. M.		H. M.		
29·683	29·657	29·658	29·660	29·690	29·693	29·706	29·727	29·731	29·732	29·704	1005·86	8 53	29·765	16 35	29·639	1
·695	·680	·670	·671	·700	·712	·745	·755	·762	·750	·722	06·48	9 34	·783	16 20	·651	2
·730	·719	·726	·723	·749	·756	·780	·781	·783	·776	·751	07·44	8 32	·797	16 20	·705	3
·747	·727	·730	·725	·751	·758	·784	·784	·791	·780	·768	08·04	8 38	·816	17 0	·712	4
·724	·712	·715	·712	·728	·731	·758	·751	·761	·748	·752	07·48	9 4	·798	16 38	·692	5
·692	·677	·670	·665	·686	·693	·722	·722	·718	·703	·716	06·28	9 25	·772	16 50	·660	6
·634	·623	·622	·624	·646	·660	·685	·697	·704	·690	·668	04·64	9 0	·714	16 20	·608	7
·665	·651	·655	·658	·683	·693	·720	·723	·726	·706	·687	05·31	9 0	·736	3 18	·642	8
·692	·668	·673	·672	·696	·698	·707	·708	·710	·693	·705	05·90	8 42	·760	10 10	·656	9
·643	·636	·633	·629	·645	·652	·671	·680	·677	·654	·670	04·70	9 46	·724	1 12	·616	10
·608	·605	·613	·615	·636	·643	·674	·680	·682	·674	·637	03·61	21 10	·684	4 38	·594	11
·707	·691	·693	·703	·723	·737	·771	·774	·781	·765	·716	06·28	22 8	·784	2 55	·652	12
·704	·686	·695	·693	·721	·723	·748	·746	·752	·734	·737	07·01	8 14	·788	16 18	·674	13
·668	·647	·655	·656	·675	·683	·715	·718	·726	·719	·701	05·74	9 32	·750	16 22	·644	14
·655	·641	·645	·645	·664	·674	·700	·697	·707	·686	·684	05·22	8 56	·737	16 10	·625	15
·657	·650	·657	·658	·681	·693	·724	·731	·737	·731	·685	05·25	22 10	·744	3 50	·642	16
·721	·710	·717	·718	·736	·752	·772	·774	·774	·754	·734	06·92	21 15	·778	3 36	·684	17
·726	·716	·726	·728	·750	·756	·776	·783	·786	·771	·749	07·37	21 42	·794	3 58	·694	18
·759	·747	·755	·760	·780	·780	·805	·813	·817	·799	·775	08·25	21 40	·824	4 6	·716	19
·781	·768	·774	·774	·802	·804	·824	·824	·833	·824	·803	09·22	9 6	·858	3 46	·758	20
·801	·781	·792	·793	·813	·824	·844	·842	·840	·832	·820	09·80	9 0	·876	3 34	·774	21
·822	·812	·822	·825	·853	·855	·875	·875	·869	·846	·843	10·59	9 42	·895	4 16	·801	22
·827	·816	·819	·821	·832	·842	·875	·871	·875	·854	·856	11·04	9 12	·925	16 0	·807	23
·820	·808	·818	·819	·839	·850	·883	·881	·876	·860	·851	10·84	9 40	·917	15 48	·803	24
·810	·797	·805	·814	·826	·843	·866	·867	·867	·845	·843	10·59	10 10	·906	16 12	·792	25
·812	·801	·813	·814	·832	·846	·867	·864	·856	·835	·841	10·53	8 45	·904	15 50	·786	26
·817	·808	·808	·798	·816	·818	·858	·856	·855	·838	·841	10·53	9 0	·906	17 36	·786	27
·827	·816	·827	·827	·841	·843	·865	·865	·875	·861	·861	11·23	9 10	·928	16 14	·805	28
·817	·808	·825	·825	·858	·863	·893	·894	·893	·878	·858	11·12	9 15	·910	16 48	·804	29
·824	·809	·815	·818	·849	·860	·883	·877	·874	·851	·863	11·29	8 52	·924	16 2	·802	30
29·736	29·722	29·728	29·728	29·750	29·758	29·783	29·785	29·788	29·773	29·761	1007·82					Mean.
—·025	—·039	—·033	—·033	—·011	—·003	+·022	+·024	+·027	+·012							Variation.
1006·98	1006·48	1006·32	1006·32	1007·40	1007·32	1008·52	1008·60	1008·72	1008·19							Mean in millibars
—·85	—1·32	—1·12	—1·12	—·37	—·10	+·75	+·81	+·91	+·41							Variation in millibar

OCTOBER.

29·777	29·765	29·767	29·776	29·805	29·812	29·846	29·848	29·845	29·830	29·819	1009·77	8 20	29·876	16 25	29·748	1
·811	·805	·816	·817	·840	·854	·875	·875	·875	·853	·842	10·56	9 6	·906	3 35	·788	2
·804	·786	·796	·803	·834	·854	·874	·870	·865	·845	·842	10·56	8 15	·906	16 18	·776	3
·809	·805	·815	·819	·859	·872	·895	·892	·888	·877	·856	11·04	8 0	·908	15 40	·794	4
·826	·808	·816	·819	·845	·854	·867	·862	·862	·855	·870	11·50	8 56	·948	16 15	·786	5
·825	·816	·822	·825	·845	·857	·877	·883	·894	·879	·866	11·38	8 30	·933	15 50	·803	6
·815	·803	·814	·817	·842	·845	·862	·865	·865	·854	·862	11·26	8 14	·929	16 40	·799	7
·814	·807	·814	·818	·844	·855	·892	·903	·895	·874	·861	11·23	8 25	·923	15 50	·797	8
·856	·855	·855	·857	·882	·889	·924	·926	·922	·904	·889	12·16	9 18	·953	16 15	·837	9
·798	·788	·794	·797	·825	·845	·871	·873	·867	·854	·862	11·26	8 52	·933	15 52	·777	10
·776	·765	·773	·772	·781	·785	·815	·813	·822	·807	·825	09·95	9 2	·909	17 48	·759	11
·755	·753	·765	·765	·783	·796	·824	·835	·835	·827	·805	09·30	9 0	·859	15 50	·743	12
·768	·763	·772	·775	·805	·813	·825	·823	·829	·813	·811	09·53	8 45	·875	15 54	·755	13
·744	·741	·744	·744	·765	·783	·803	·804	·806	·793	·788	08·72	8 36	·846	15 52	·726	14
·753	·735	·736	·743	·773	·783	·810	·806	·801	·786	·784	08·56	9 6	·848	16 34	·722	15
·736	·725	·734	·742	·770	·783	·804	·802	·803	·788	·783	08·52	8 45	·852	15 58	·722	16
·726	·725	·749	·752	·765	·797	·813	·806	·804	·787	·787	08·68	9 32	·858	15 54	·722	17
·704	·691	·696	·710	·733	·744	·771	·763	·761	·742	·764	07·92	8 34	·850	16 4	·684	18
·617	·594	·591	·585	·604	·625	·651	·638	·636	·624	·678	04·92	8 42	·773	17 20	·575	19
·562	·554	·567	·580	·614	·639	·664	·659	·661	·636	·625	03·20	9 15	·697	15 20	·541	20
·573	·571	·580	·584	·615	·629	·652	·647	·651	·613	·625	03·20	8 55	·703	15 34	·561	21
·574	·567	·574	·585	·610	·622	·635	·647	·666	·659	·621	03·04	8 38	·675	16 22	·555	22
·671	·670	·672	·679	·720	·740	·763	·768	·766	·753	·693	05·49	21 20	·733	3 0	·613	23
·731	·725	·742	·751	·772	·793	·815	·813	·811	·803	·765	07·95	9 2	·823	1 46	·713	24
·784	·780	·800	·802	·829	·841	·873	·875	·874	·853	·827	10·01	9 40	·875	15 15	·771	25
·818	·810	·820	·832	·863	·880	·905	·898	·902	·883	·862	11·26	9 14	·924	15 46	·804	26
·866	·863	·881	·885	·912	·925	·962	·963	·969	·957	·905	12·65	22 25	·973	4 6	·857	27
·905	·892	·911	·942	·993	·993	30·003	30·003	30·000	·977	·965	14·70	8 52	30·017	16 0	·875	28
·867	·845	·885	·907	·907	·915	29·926	29·912	29·915	·895	·923	13·29	9 4	29·999	16 4	·837	29
·804	·793	·795	·811	·825	·838	·862	·865	·868	·855	·855	11·00	8 50	·933	16 20	·775	30
·815	·806	·815	·820	·844	·859	·874	·879	·879	·875	·856	11·04	8 42	·917	15 45	·805	31
29·764	29·755	29·765	29·771	29·797	29·810	29·833	29·833	29·833	29·818	29·810	1009·50					Mean.
—·046	—·055	—·045	—·039	—·013	·000	+·023	+·023	+·023	+·008							Variation.
1007·92	1007·60	1007·95	1008·13	1009·01	1009·50	1010·22	1010·22	1010·22	1009·74							Mean in millibars
—1·56	—1·86	—1·52	—1·32	—·44	·00	+·78	+·78	+·78	+·27							Variation in millibars

(Averages for sixty minutes from full hour to full hour of local mean time.)

NOVEMBER. (IN INCHES OF MERCURY AT 32° F.)

Date.	Hours (B. M. T.)													
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14
1	29·877	29·872	29·864	29·856	29·863	29·872	29·900	29·917	29·933	29·933	29·918	29·884	29·868	29·842
2	·893	·880	·872	·857	·867	·878	·905	·906	·928	·926	·916	·885	·871	·836
3	·859	·845	·839	·835	·840	·843	·883	·894	·920	·919	·906	·882	·863	·837
4	·896	·885	·884	·879	·885	·906	·939	·952	·953	·931	·969	·946	·936	·909
5	·963	·943	·935	·933	·946	·952	·979	·996	30·022	30·019	30·016	·985	·952	·926
6	·963	·945	·936	·932	·944	·955	·982	·993	·013	·013	29·999	·965	·943	·907
7	·942	·927	·927	·921	·934	·942	·973	·983	·008	·005	·993	·953	·927	·903
8	·936	·917	·909	·906	·922	·934	·962	·973	·004	·012	·999	·964	·945	·923
9	·959	·955	·933	·928	·943	·951	·981	·987	·029	·013	·997	·963	·942	·923
10	·929	·911	·905	·904	·929	·919	·937	·953	29·969	29·980	·953	·909	·908	·899
11	·925	·913	·912	·896	·903	·903	·932	·942	·962	·971	·958	·933	·908	·874
12	·908	·896	·892	·881	·884	·894	·928	·939	·974	·968	·951	·925	·903	·870
13	·927	·915	·915	·905	·915	·916	·937	·953	·974	·983	·983	·954	·932	·901
14	·932	·916	·909	·905	·919	·925	·946	·959	·976	·977	·968	·937	·910	·868
15	·897	·880	·869	·862	·873	·876	·897	·912	·935	·943	·946	·917	·886	·848
16	·878	·853	·848	·844	·849	·867	·896	·909	·934	·936	·922	·889	·875	·838
17	·866	·846	·850	·852	·868	·875	·895	·911	·943	·945	·934	·904	·877	·853
18	·916	·902	·898	·897	·912	·924	·951	·971	30·000	30·001	·984	·954	·935	·891
19	·957	·937	·935	·933	·942	·942	·975	·990	·015	·015	30·005	·974	·941	·905
20	·976	·965	·954	·950	·961	·965	·983	·994	·013	·014	·008	·975	·943	·918
21	·941	·915	·910	·897	·906	·908	·935	·951	29·976	29·983	29·976	·944	·922	·890
22	·926	·908	·905	·895	·905	·913	·934	·941	·971	·981	·974	·937	·917	·887
23	·885	·875	·870	·871	·876	·885	·914	·931	·957	·955	·951	·916	·888	·862
24	·895	·875	·867	·869	·871	·878	·908	·925	·955	·963	·960	·929	·907	·883
25	·924	·916	·914	·898	·907	·908	·929	·945	·973	·973	·954	·930	·898	·874
26	·907	·894	·893	·879	·882	·884	·916	·936	·966	·965	·953	·925	·904	·873
27	·954	·936	·932	·927	·932	·937	·962	·974	30·003	·998	·986	·957	·929	·905
28	·924	·913	·903	·893	·904	·906	·926	·947	29·969	·974	·969	·930	·913	·892
29	·909	·896	·895	·895	·899	·902	·925	·937	·971	·972	·965	·932	·903	·880
30	·926	·920	·915	·915	·926	·937	·965	·989	30·014	30·023	30·016	·977	·960	·933
Mean .	29·920	29·905	29·900	29·894	29·904	29·910	29·936	29·950	29·976	29·978	29·968	29·936	29·914	29·885
Variation.	+·002	—·013	—·018	—·024	—·014	—·008	+·018	+·032	+·058	+·060	+·050	+·018	—·004	—·033
Mean in millibars.	1013·20	1012·65	1012·50	1012·32	1012·62	1012·80	1012·74	1014·20	1015·08	1015·14	1014·72	1013·74	1012·96	1012·00
Variation in millibars.	+·07	—·44	—·61	—·81	—·47	—·27	+·61	+1·08	+1·96	+2·03	+1·69	+·61	—·13	—1·12

DECEMBER.

1	29·953	29·943	29·944	29·936	29·943	29·952	29·982	29·984	30·021	30·022	30·021	29·992	29·965	29·944
2	·963	·949	·934	·934	·943	·962	·982	30·004	·025	·027	·013	·976	·968	·924
3	·929	·915	·910	·904	·921	·932	·962	29·982	·016	·015	·006	·974	·938	·915
4	·975	·965	·956	·957	·974	·986	30·015	30·035	·064	·063	·053	30·017	·996	·972
5	·972	·950	·948	·936	·944	·945	29·963	29·983	·015	·015	·003	29·967	·936	·915
6	·912	·899	·886	·878	·894	·902	·926	·939	29·964	29·966	29·947	·910	·887	·857
7	·885	·867	·865	·855	·863	·867	·884	·895	·925	·932	·919	·886	·855	·827
8	·856	·854	·857	·853	·866	·876	·898	·922	·954	·956	·945	·912	·878	·851
9	·883	·868	·856	·851	·855	·859	·883	·910	·937	·952	·943	·906	·879	·855
10	·872	·855	·844	·834	·850	·854	·883	·903	·919	·918	·913	·892	·864	·853
11	·890	·874	·872	·861	·871	·873	·892	·911	·946	·950	·949	·923	·893	·872
12	·938	·928	·919	·919	·923	·941	·967	·990	30·020	30·021	30·013	·978	·968	·935
13	·992	·974	·964	·954	·970	·971	·975	30·001	·028	·029	·023	·991	·963	·936
14	·974	·966	·958	·956	·966	·973	·982	·009	·033	·036	·031	·996	·973	·934
15	·933	·968	·957	·947	·953	·956	·976	29·999	·033	·034	·029	·997	·971	·946
16	·953	·934	·935	·932	·934	·939	·980	·982	·014	·031	·016	·975	·955	·931
17	·963	·949	·949	·942	·956	·966	30·004	30·025	·062	·063	·055	30·017	·981	·951
18	·987	·978	·969	·966	·974	·983	·018	·040	·067	·049	·054	·016	·993	·967
19	·976	·960	·946	·945	·954	·955	29·976	29·999	·033	·030	·016	29·976	·950	·927
20	·951	·932	·917	·906	·918	·927	·947	·958	29·994	29·996	29·986	·946	·921	·891
21	·936	·916	·909	·904	·913	·916	·936	·947	·988	·988	·970	·937	·911	·878
22	·903	·886	·870	·864	·874	·881	·903	·924	·967	·975	·966	·937	·924	·894
23	·927	·914	·910	·902	·901	·904	·929	·943	·979	·992	·981	·947	·918	·886
24	·948	·936	·918	·913	·915	·915	·929	·947	·975	·979	·974	·950	·930	·894
25	·932	·923	·916	·907	·903	·903	·916	·944	·969	·963	·954	·917	·878	·846
26	·894	·876	·855	·845	·846	·849	·866	·885	·915	·916	·911	·868	·851	·842
27	·902	·882	·879	·875	·877	·882	·913	·924	·956	·951	·933	·898	·875	·845
§28	·904	·884	·874	·868	·875	·884	·906	·930	·950	·948	·936	·913	·888	..
§29	..	..	..	..	..	..	..	..	..	..	..	..	..	..
§30	..	..	..	..	..	..	..	..	..	..	..	..	..	·843
31	·872	·858	·850	·845	·860	·874	·902	·921	·957	·957	·944	·909	·878	·848
†Mean .	29·933	29·919	29·910	29·904	29·913	29·919	29·942	29·961	29·992	29·994	29·985	29·950	29·925	29·898
Variation.	+·002	—·012	—·021	—·027	—·018	—·012	+·011	+·030	+·061	+·063	+·054	+·019	—·006	—·033
Mean in millibars.	1013·60	1013·10	1012·80	1012·64	1012·90	1013·10	1013·97	1014·53	1015·67	1015·74	1015·37	1014·20	1013·37	1012·47
Variation in millibars.	+·06	—·41	—·71	—·91	—·61	—·41	+·37	+1·02	+2·07	+2·13	+1·83	+·64	—·20	—1·2

§ Loss of record.

†Mean of 28 days; 28th, 29th and 30th being omitted.

(Averages for sixty minutes from full hour to full hour of local mean time.)

NOVEMBER. (IN INCHES OF MERCURY AT 32° F.)

Hours (B. M. T.)										Mean.		Maximum.		Minimum.		Date.
14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Inches	Millibars.	Time.	Mag.	Time.	Mag.	
												H. M.		H. M.		
29·824	29·814	29·833	29·857	29·887	29·896	29·921	29·915	29·919	29·904	29·882	1011·88	9 0	29·937	15 30	29·803	1
·824	·815	·825	·825	·851	·857	·875	·873	·875	·865	·871	11·53	8 50	·931	15 50	·803	2
·828	·827	·835	·838	·864	·883	·902	·893	·899	·889	·868	11·44	8 55	·923	15 42	·807	3
·901	·893	·912	·915	·942	·953	·963	·962	·963	·957	·930	13·50	8 54	·987	3 50	·866	4
·915	·911	·923	·925	·950	·963	·984	·985	·986	·962	·962	14·58	8 52	30·023	15 52	·903	5
·902	·893	·902	·909	·930	·945	·959	·961	·960	·943	·950	14·20	9 6	·023	15 30	·877	6
·895	·895	·904	·909	·929	·939	·950	·957	·957	·947	·943	13·99	8 50	·013	15 45	·881	7
·896	·907	·924	·928	·958	·969	·972	·972	·971	·958	·948	14·14	9 14	·020	14 38	·880	8
·907	·905	·910	·913	·916	·939	·949	·951	·949	·953	·950	14·20	8 40	·031	15 50	·903	9
·883	·875	·893	·901	·923	·931	·947	·949	·949	·928	·924	13·32	9 0	29·981	15 48	·871	10
·870	·865	·873	·881	·910	·920	·928	·932	·920	·913	·914	12·96	9 2	·973	15 38	·851	11
·854	·850	·871	·873	·894	·904	·924	·936	·942	·934	·908	12·74	8 42	·984	15 45	·844	12
·883	·885	·892	·893	·915	·925	·943	·943	·938	·926	·927	13·41	9 0	·987	15 50	·873	13
·857	·846	·852	·855	·880	·895	·915	·918	·919	·909	·912	12·88	9 0	·985	16 20	·833	14
·828	·824	·837	·845	·862	·876	·904	·906	·898	·886	·884	11·96	9 55	·958	15 15	·814	15
·830	·824	·834	·836	·856	·868	·890	·890	·890	·873	·872	11·56	9 26	·944	15 50	·816	16
·844	·845	·854	·863	·890	·911	·934	·935	·936	·921	·890	12·20	8 48	·953	3 4	·833	17
·885	·883	·885	·893	·922	·941	·963	·967	·967	·955	·933	13·62	9 0	30·011	15 55	·879	18
·893	·885	·893	·897	·924	·944	·967	·977	·982	·975	·950	14·20	9 0	·023	16 0	·877	19
·898	·887	·893	·896	·922	·938	·964	·963	·963	·946	·954	14·32	8 44	·019	16 42	·883	20
·882	·875	·883	·890	·919	·935	·959	·961	·954	·938	·927	13·41	9 10	29·995	15 47	·867	21
·869	·856	·864	·872	·894	·906	·917	·917	·914	·894	·912	12·88	9 5	·987	15 45	·853	22
·852	·844	·856	·862	·885	·908	·924	·923	·928	·908	·897	12·41	8 52	·965	15 55	·835	23
·866	·864	·874	·873	·897	·912	·934	·936	·942	·928	·905	12·65	9 25	·975	15 45	·857	24
·857	·849	·856	·863	·884	·903	·917	·930	·926	·908	·910	12·80	8 58	·977	15 22	·845	25
·856	·854	·863	·880	·915	·940	·963	·963	·974	·964	·915	13·00	21 44	·983	15 0	·845	26
·895	·893	·895	·905	·918	·930	·951	·957	·954	·938	·940	13·30	8 47	30·013	15 55	·881	27
·874	·865	·874	·877	·898	·907	·924	·927	·926	·914	·915	13·00	9 4	29·982	16 20	·862	28
·877	·876	·883	·885	·899	·917	·931	·933	·932	·928	·914	12·96	8 48	·974	16 20	·864	29
·923	·913	·914	·914	·923	·931	·947	·947	·953	·946	·947	14·11	9 4	30·029	3 0	·897	30
29·872	29·867	29·877	29·882	29·905	29·920	29·937	29·939	29·940	29·927	29·918	1013·13					Mean.
—·046	—·051	—·041	—·036	—·013	+·002	+·019	+·021	+·022	+·009							Variation.
1011·56	1011·41	1011·71	1011·88	1012·65	1013·20	1013·78	1013·86	1013·90	1013·41							Mean in millibars.
—1·56	—1·73	—1·39	—1·22	—·44	+·07	+·64	+·71	+·75	+·31							Variation in millibars.

DECEMBER.

29·943	29·933	29·936	29·942	29·962	29·972	29·990	29·990	29·983	29·968	29·968	1014·77	8 50	30·032	16 0	29·924	1
·923	·920	·929	·933	·945	·964	·970	·970	·962	·937	·960	14·50	8 52	·038	15 38	·906	2
·901	·899	·914	·926	·954	·967	·995	·995	·998	·977	·952	14·27	8 35	·019	15 30	·891	3
·962	·957	·965	·965	·983	·993	30·017	30·015	30·004	·983	·995	15·77	9 0	·069	15 48	·943	4
·907	·898	·897	·898	·915	·925	29·944	29·938	29·935	·916	·944	14·04	9 0	·017	17 2	·883	5
·857	·857	·871	·867	·883	·901	·914	·911	·904	·892	·901	12·53	8 55	29·977	14 55	·833	6
·821	·822	·824	·830	·845	·952	·873	·866	·867	·860	·866	11·40	9 15	·944	15 55	·808	7
·840	·843	·856	·861	·874	·883	·902	·903	·902	·892	·885	11·97	8 52	·963	14 50	·829	8
·843	·838	·845	·853	·875	·883	·894	·891	·884	·872	·880	11·80	9 20	·963	15 50	·833	9
·852	·844	·845	·846	·860	·882	·910	·910	·907	·884	·875	11·67	9 15	·928	3 45	·824	10
·863	·863	·868	·879	·902	·921	·942	·947	·944	·933	·902	12·57	9 28	·961	15 0	·851	11
·224	·920	·932	·935	·963	·981	30·007	30·001	30·003	·996	·963	14·60	8 50	30·025	3 50	·907	12
·932	·931	·943	·950	·971	·986	·010	·010	·005	·982	·979	15·20	8 44	·039	15 50	·923	13
·927	·924	·933	·938	·965	·976	·012	·015	·011	·985	·978	15·17	8 50	·046	15 50	·908	14
·938	·928	·934	·940	·970	·976	29·994	29·992	29·986	·965	·974	15·04	9 6	·046	16 10	·916	15
·915	·907	·914	·918	·952	·972	·995	·993	·984	·965	·959	14·50	9 15	·037	15 35	·903	16
·942	·935	·939	·941	·968	·993	30·016	30·022	30·004	·987	·985	15·37	8 56	·067	16 32	·921	17
·958	·943	·944	·955	·973	·982	·004	·009	·005	·986	·993	15·70	9 0	·084	16 0	·940	18
·918	·915	·918	·927	·948	·958	29·977	29·974	29·963	·953	·962	14·57	9 4	·042	15 50	·910	19
·875	·871	·877	·879	·908	·925	·947	·938	·944	·932	·929	13·50	8 58	·013	15 55	·859	20
·865	·861	·867	·875	·898	·909	·924	·926	·925	·907	·917	13·04	9 4	·008	15 55	·846	21
·876	·875	·892	·894	·914	·924	·944	·943	·942	·933	·913	12·90	9 4	29·983	3 50	·849	22
·873	·871	·876	·877	·907	·923	·948	·950	·953	·952	·923	13·30	9 25	·996	15 54	·854	23
·882	·877	·884	·893	·911	·921	·948	·950	·950	·938	·928	13·47	8 55	·983	16 10	·867	24
·833	·826	·844	·846	·866	·883	·905	·914	·914	·900	·900	12·50	8 48	·974	15 34	·822	25
·827	·826	·832	·834	·872	·881	·906	·914	·914	·906	·872	11·57	9 10	·926	15 44	·814	26
·841	·834	·854	·864	·882	·898	·924	·920	·919	·906	·893	12·30	8 50	·960	15 25	·828	27
..	..	..	..	..	..	..	..	..	..	..	..	8 35	·952	..	..	28
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	29
·841	·831	·842	·849	·871	·881	·897	·895	·893	·877	..	..	..	..	..	..	30
·842	·835	·845	·854	·883	·896	·914	·915	·912	·909	·887	1012·08	8 55	·967	15 15	·823	31
29·889	29·884	29·892	29·897	29·920	29·933	29·955	29·954	29·951	29·936	29·931	1013·54					†Mean.
—·042	—·047	—·039	—·034	—·011	+·002	+·024	+·023	+·020	+·005							Variation.
1012·10	1011·94	1012·27	1012·44	1013·20	1013·60	1014·37	1014·34	1014·23	1013·70							Mean in millibars.
—1·42	—1·59	—1·32	—1·15	—·37	+·07	+·81	+·78	+·68	+·17							Variation in millibars.

RAINFALL (IN INCHES), 1935.

(Totals for sixty minutes from full hour to full hour of local mean time.)

(FROM PLUVIOGRAPH RECORDS.)

JUNE.

Date.	Hours (B. M. T.)													
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7	..	..	..	..	0·01	..	..	..	..	..	..	..	..	..
8	..	0·01	..	..	..	..	..	0·05	0·02	..	..	..	..	..
9	..	..	..	0·02	0·01	..	..	..	..	..	0·01	..	..	..
10	..	..	..	..	..	..	..	..	0·17	..	..	..	..	..
11	..	..	..	..	0·04	0·01	..	..	..	..	..	..	..	..
12	..	..	..	..	..	0·01	..	0·11	0·01	..	0·08	..	..	..
13	..	..	..	0·01	0·01	..	..	..	..	..	..	..	..	..
14	0·07	0·14	0·40	0·17	0·10	0·09	..	..	..	..	..	..	..	..
15	..	..	..	..	0·01	0·05	..	..	..	..	..	..	..	..
16	..	..	..	..	..	..	..	..	..	..	..	..	..	..
17	..	..	..	..	..	..	..	..	..	..	..	..	..	..
18	..	..	0·93	0·86	0·66	0·01	..	..	..	..	..	..	..	0·07
19	0·04	0·01	0·06	0·04	2·36	0·43	0·40	0·41	1·40	1·05	0·27	0·20	..	..
20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
21	..	..	..	..	..	..	..	..	..	..	..	..	..	..
22	0·05	..	..	..	..	0·12	0·08	..	..	..	..	..	..	..
23	0·58	0·13	0·19	0·77	0·95	0·12	0·06	0·01	..	..	0·31	0·58	0·83	..
24	..	..	0·01	..	..	0·05	..	..	..	0·09	..	..	..	..
25	..	..	..	..	..	..	..	0·08	1·89	0·64	0·21	0·18	..	..
26	0·23	0·53	0·01	..	..	..	..	..	..	..	..	..	..	..
27	..	..	..	..	..	..	..	..	..	..	..	..	..	..
28	0·01	..	..	..	..	..	..	..	..	0·04	..	0·01	..	..
29	..	0·07	..	..	0·53	..	..	..	..	..	..	..	..	..
30	..	..	..	..	0·03	..	0·07	0·05	..	0·29	0·06	..	0·01	..
Total .	0·98	0·89	1·60	1·87	4·71	0·89	0·61	0·71	3·49	2·11	0·94	0·97	0·84	0·07

JULY.

1	..	..	0·01	..	0·02	0·01	..	..	..	0·02	0·03	..	..	..
2	..	..	0·42	..	0·02	..	..	..	..	..	..	..	..	..
3	..	..	..	0·05	0·03	..	..	..	..	..	0·13	0·55	0·14	..
4	1·03	0·50	0·14	0·16	0·01	0·10	0·14	0·02	..	..	0·05	0·11	0·88	0·43
5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6	..	0·01	..	0·06	0·04	..	..	0·24	0·10	..	0·12	0·19	0·29	0·04
7	..	0·11	0·49	0·22	0·62	0·12	0·03	0·41	0·05	..	..	..	..	0·06
8	0·15	0·24	0·06	..	..	..	..	..	..	..	..	..	..	..
9	0·12	..	..	..	..	..	..	..	..	..	..	..	..	..
10	..	0·03	..	..	..	..	..	..	..	..	..	..	..	..
11	..	0·03	0·04	0·06	..	0·07	..	..	..	..	..	..	..	..
12	..	..	..	..	..	..	..	..	0·01	..	..	..	0·02	..
13	..	0·03	0·01	..	..	..	..	..	..	..	..	..	..	..
14	..	..	..	..	..	0·02	..	..	0·04	0·07	..	0·04	0·05	..
15	..	0·01	..	..	0·01	0·01	..	..	..	..	..	..	0·01	..
16	..	..	..	..	..	..	..	..	..	..	..	..	0·03	0·10
17	..	0·01	0·04	0·03	..	..	..	0·06	0·02	..	..	..	0·01	..
18	0·22	0·40	0·12	0·12	0·51	0·20	0·10	0·15	0·01	..	..	..	..	..
19	..	..	..	..	..	0·06	0·10	0·09	0·02	0·02	..	0·01	0·03	0·02
20	..	..	..	0·08	..	..	0·19	0·02	1·06	0·06	0·27	1·20	0·73	0·20
21	..	..	..	..	..	..	0·01	..	0·01	..	..	..	..	..
22	..	..	..	..	..	..	0·02	..	..	..	..	..	..	..
23	..	..	..	..	..	..	0·01	..	..	..	..	..	..	..
24	..	..	..	..	..	..	..	..	..	..	..	..	..	..
25	0·05	..	..	..	..	..	..	..	..	..	..	..	..	0·01
26	0·02	..	..	..	..	..	..	..	..	..	..	..	..	..
27	..	..	..	..	..	..	..	..	..	..	..	..	..	..
28	..	..	..	0·17	0·07	..	..	..	..	..	0·15	0·04	..	..
29	..	..	0·01	..	0·01	..	..	0·05	..	0·02	..	..	0·07	..
30	0·03	0·01	0·10	..	..	..	..	..	..	..	..	..	0·01	..
31	..	..	0·01	..	..	..	..	0·01	..	..	..	..	..	..
Total .	1·62	1·38	1·45	0·95	1·34	0·59	1·50	1·05	1·32	0·19	0·75	2·14	2·26	0·86

(Totals for sixty minutes from full hour to full hour of local mean time.)

(FROM PLUVIOGRAPH RECORDS.)

JUNE

Hours (B. M. T.)										Daily total.	Maximum fall in one hour.	Time of occurrence.	Daily* total by Newman.	Date.
14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24					
												H. to H.		
..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
..	..	..	..	..	..	..	..	..	..	..	..	..	..	4
..	..	..	..	..	..	..	..	..	..	..	..	..	..	5
..	..	..	..	..	..	..	..	..	..	..	..	..	..	6
..	..	..	..	..	..	..	..	..	..	0·01	0·01	4 5	0·01	7
..	..	..	..	..	..	..	..	..	..	0·08	0·05	7 8	0·08	8
..	..	..	..	..	..	..	..	..	..	0·04	0·02	3 4	0·04	9
..	..	..	..	..	..	..	..	..	..	0·17	0·17	8 9	0·17	10
..	..	..	..	..	..	..	..	..	..	0·05	0·04	4 5	0·06	11
..	..	..	..	..	..	..	..	..	..	0·21	0·11	7 8	0·21	12
..	..	..	..	0·08	0·10	0·12	..	..	..	0·32	0·12	20 21	0·32	13
..	..	..	..	..	..	..	0·06	0·19	0·01	1·23	0·40	2 3	1·26	14
..	..	..	..	..	..	..	..	..	..	0·06	0·05	5 6	0·06	15
..	..	0·23	0·07	0·03	0.01	..	..	..	..	0·34	0·23	16 17	0·37	16
0·01	0·42	0·44	0·18	..	..	..	..	..	..	1·05	0·44	16 17	1·06	17
..	..	..	..	..	..	..	..	..	0·40	2·93	0·93	2 3	2·78	18
..	0·04	0·03	0·11	0·13	0·02	..	..	..	..	7·00	2·36	4 5	7·00	19
..	0·01	..	..	0·01	..	..	0·41	0·08	..	0·51	0·41	21 22	0·51	20
..	..	0·07	..	..	..	..	..	0·13	0·01	0·21	0·13	22 23	0·21	21
..	..	..	0·04	0·45	0·55	0·15	0·14	0·71	0·80	3·09	0·80	23 24	3·18	22
0·15	0·19	..	..	0·01	0·02	..	0·01	0·02	0·04	4·97	0·95	4 5	5·05	23
..	..	..	..	..	..	..	..	..	..	0·15	0·09	9 10	0·15	24
..	..	..	..	..	..	..	..	..	0·01	3·01	1·89	8 9	2·97	25
..	..	..	..	..	0·03	..	..	..	..	0·80	0·53	1 2	0·82	26
..	..	..	..	..	..	..	..	..	..	..	..	..	..	27
0·14	0·10	..	..	..	..	0·03	..	0·21	0·07	0·61	0·21	22 23	0·59	28
..	..	..	..	..	..	..	..	..	..	0·60	0·53	4 5	0·63	29
0·01	..	..	..	..	..	0·07	..	..	..	0.59	0·29	9 10	0·61	30
0·31	0·76	0·77	0.40	0·71	0·73	0·37	0·62	1·34	1·34	28·03	..	..	28·14	Total.

JULY.

0·07	..	..	..	..	..	..	..	..	..	0·16	0.07	14 15	0·17	1
..	..	..	..	..	..	..	..	..	..	0·44	0·42	2 3	0·49	2
..	..	..	0·17	..	0·03	0·08	0·09	..	0·06	1·33	0·55	11 12	1·37	3
0·30	0·04	0·08	0·04	..	..	..	..	..	0·01	4·04	1·03	0 1	4·20	4
..	..	..	0·01	..	0·02	..	..	..	..	0·03	0·02	19 20	0·03	5
..	0·18	0·11	0·43	0·04	..	..	..	..	0·01	1·86	0·43	17 18	1·82	6
..	..	..	..	..	..	..	0·05	..	0·18	3·24	0·93	6 7	3·18	7
..	..	..	0·01	0·01	0·03	0·02	..	..	..	0·52	0·24	1 2	0·51	8
..	..	..	..	..	..	0·09	..	0·03	0·19	0·43	0·19	23 24	0·44	9
..	..	..	..	0·02	..	..	0·07	0.03	0·06	0·21	0·07	21 22	0·21	10
..	..	..	..	..	..	..	..	..	..	0·20	0·07	5 6	0·20	11
..	..	..	..	0·01	..	0·06	0·04	..	..	0·14	0·06	20 21	0·14	12
..	..	..	..	..	..	..	..	..	..	0·04	0·03	1 2	0·04	13
..	..	..	..	..	..	..	..	..	..	0·22	0·07	9 10	0·21	14
..	0·12	..	..	0·04	..	..	..	..	0·02	0·21	0·12	15 16	0·23	15
..	..	..	..	0·01	..	..	..	..	..	0·14	0·10	13 14	0·13	16
..	0·05	0·02	0·04	..	..	0·17	..	0·04	0·61	1·10	0·61	23 24	1·09	17
..	..	..	..	..	..	..	..	..	..	1·83	0·51	4 5	1·62	18
0·01	0·03	..	0·01	0·52	0·01	..	0·12	0·01	0·01	1·07	0·52	18 19	1·07	19
0·38	0·05	0·21	0·04	0·36	0·01	..	..	..	..	4·86	1·20	11 12	4·24	20
..	..	0·01	..	..	..	..	..	..	..	0·03	0·01	6 7	0·03	21
..	..	..	..	..	..	..	..	..	..	0·02	0·02	6 7	0·02	22
0·21	..	..	..	..	..	..	..	..	0·01	0·23	0·21	14 15	0·23	23
..	..	0·22	..	..	..	0·03	..	..	..	0·25	0·22	16 17	0·25	24
..	..	..	..	..	..	..	0·01	0·20	0·04	0.31	0·20	22 23	0·32	25
..	..	..	..	..	0·02	..	..	..	..	0·04	0·02	0 1	0·04	26
..	..	..	..	..	..	..	..	..	..	..	..	..	..	27
..	..	0·5	..	..	0·02	..	..	..	..	0·50	0·17	3 4	0·48	28
..	0·13	0·01	..	..	..	..	..	0·17	0·04	0·51	0·17	22 23	0·53	29
..	..	0·15	..	..	0·02	..	..	0·03	..	0·35	0·15	16 17	0·34	30
..	..	..	..	..	..	..	0.05	..	..	0·07	0·05	21 22	0·07	31
0·97	0·60	0·86	0·75	1·01	0·16	0·45	0·43	0·51	1·24	24·38	..	..	23·70	Total.

* Adopted as the standard instrument in the Observatory since 1845.

RAINFALL (IN INCHES), 1935.

(Totals for sixty minutes from full hour to full hour of local mean time.)

AUGUST. (FROM PLUVIOGRAPH RECORDS.)

Date.	Hours. (B. M. T.)													
	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14
1	..	0·01	..	..	..	..	..	..	..	0·01	..	..	0·06	..
2	0·02	..	..	..	..	..	..	..	..	..	..	..	..	..
3	..	0·02	..	..	..	..	..	0·01	0·04	..	0·01	..	..	..
4	0·10	0·02	0·01	0·02	0·20	..	..	..	..	..	..	..	..	..
5	..	0·04	..	..	..	..	..	..	..	..	..	..	..	..
6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8	..	0·02	..	..	..	..	..	..	..	..	..	..	..	..
9	..	..	..	..	..	..	0·01	..	..	..	..	0·01	..	..
10	..	..	..	0·02	..	..	..	..	0·09	..	..	..	..	..
11	0·01	..	..	..	..	..	..	..	..	..	..	..	..	..
12	..	..	..	..	..	..	..	0·01	..	0·01	..	..	..	..
13	..	..	..	0·02	0·04	0·02	0·03	0·01	..	..	..	..	..	..
14	..	..	..	..	..	..	..	..	..	..	..	..	..	..
15	..	..	..	..	..	..	..	..	..	..	..	..	..	..
16	..	..	0·07	..	..	..	0·01	..	..	0·16	..	..	..	..
17	..	..	..	..	0·10	..	..	..	0·23	0·16	..	0·07	..	0·13
18	0·02	0·02	..	..	0·03	0·04	0·02	0·03	0·03	..	0·47	..	0·36	0·24
19	..	..	..	..	0·11	0·03	..	0·16	0·01	..	..	..	..	..
20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
21	..	..	..	..	..	..	..	..	..	..	..	..	..	..
22	..	..	..	..	..	..	..	0·01	..	..	..	..	..	..
23	..	..	0·01	..	..	..	..	..	..	..	..	..	..	..
24	0·02	..	..	..	..	..	..	..	..	0·09	0·09	0·32	0·12	0·03
25	..	..	0·15	0·22	..	0·02	0·30	2·14	1·12	0·29	0·02	0·02	..	..
26	..	..	..	..	..	..	..	..	..	..	..	..	..	..
27	..	..	..	..	..	..	..	..	..	..	..	..	..	..
28	..	..	..	0·03	0·16	..	0·02	..	..	..	..	..	0·01	0·03
29	1·49	1·02	0·23	0·14	0·27	0·24	0·30	0·26	0·14	..	0·63	..	..	..
30	0·01	..	..	..	..	..	..	..	..	..	..	..	..	..
31	0·02	1·02	..	..	0·02	..	..	..	..	..	..	0·02	0·02	..
Total .	1·69	1·17	0·47	0·45	0·93	0·35	0·69	2·63	1·66	0·72	1·22	0·44	0·57	0·43

RAINFALL (IN INCHES), 1935.

(Totals for sixty minutes from full hour to full hour of local mean time.)

AUGUST. (FROM PLUVIOGRAPH RECORDS.)

Hours. (B. M. T.)										Daily Total.	Maximum fall in one hour.	Time of occurrence.	Daily* total by Newman.	Date.
14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24			H. to H.		
..	..	..	..	..	..	..	..	..	..	0·08	0·06	12 13	0·08	1
..	..	..	..	..	..	..	..	..	..	0·02	0·02	0 1	0·02	2
..	..	..	..	..	..	0·02	..	..	..	0·10	0·04	8 9	0·10	3
..	..	..	..	..	..	..	..	..	..	0·35	0·20	4 5	0·36	4
..	..	..	..	..	..	..	..	..	..	0·04	0·04	1 2	0·04	5
..	..	..	..	..	..	..	..	..	..	..	..	..	..	6
..	..	..	..	..	..	..	0·12	0·01	..	0·13	0·12	21 22	0·13	7
..	..	..	..	..	..	..	..	..	..	0·02	0·02	1 2	0·02	8
..	..	..	..	..	..	..	..	..	..	0·02	0·01	6 7	0·02	9
..	..	..	..	..	..	..	..	..	0·21	0·32	0·21	23 24	0·34	10
..	..	..	..	..	..	..	..	..	..	0·01	0·01	0 1	0·01	11
..	..	..	..	..	..	..	..	..	..	0·02	0·01	7 8	0·02	12
..	..	..	..	0·01	..	..	..	..	..	0·13	0·04	4 5	0·14	13
..	..	..	..	..	..	..	..	..	..	..	..	..	..	14
..	..	..	..	..	..	..	..	..	..	..	..	..	..	15
0·23	..	..	..	..	..	..	..	..	..	0·47	0·23	14 15	0·46	16
..	..	..	..	..	0·64	..	0·03	0·02	0·18	1·56	0·64	19 20	1·44	17
..	..	..	..	..	..	0·08	0·02	0·07	0·08	1·51	0·47	10 11	1·46	18
..	..	..	..	..	..	..	0·02	..	..	0·33	0·16	7 8	0·33	19
..	..	..	..	..	..	..	..	..	..	..	..	..	..	20
..	..	..	..	..	..	..	..	..	..	..	..	..	..	21
..	..	..	..	..	..	..	..	..	..	0·01	0·01	7 8	0·01	22
..	..	..	..	..	0·02	0·06	..	..	..	0·09	0·06	20 21	0·08	23
0·05	..	..	..	..	..	..	..	..	..	0·72	0·32	11 12	0·72	24
..	..	..	..	..	..	..	..	..	..	4·28	2·14	7 8	4·08	25
..	..	..	..	..	..	..	..	..	..	..	..	..	..	26
..	..	..	..	..	..	..	..	..	..	..	..	..	..	27
..	..	..	..	..	..	..	..	0·77	0·42	1·44	0·77	22 23	1·41	28
..	..	..	..	..	0·01	0·05	0·14	0·10	0·04	5·06	1·49	0 1	5·16	29
..	..	..	..	0·02	0·06	0·04	..	..	..	0·13	0·06	19 20	0·15	30
..	..	..	..	..	0·01	..	0·02	..	..	0·13	0·02	0 1	0·13	31
0·28	0·00	0·00	0·00	0·03	0·74	0·25	0·35	0·97	0·93	16·97	..	..	16·71	Total.

* Adopted as the standard instrument in the Observatory since 1845.

RAINFALL (IN INCHES), 1935.

(Totals for sixty minutes from full hour to full hour of local mean time.)

SEPTEMBER, †

(FROM PLUVIOGRAPH RECORDS.)

Date.	Hours (B. M. T.).													
	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14
1	..	..	0·11	0·02	0·13	0·20	0·23	0·58	0·17	0·02	0·02	..	0·07	0·09
2	..	..	..	..	..	..	..	..	..	..	..	0·03	..	..
4	..	..	..	..	..	..	0·02	0·09	..	..	..	..	..	..
5	..	..	..	0·15	..	..	..	..	..	..	..	..	..	..
6	..	0·05	..	0·04	..	..	..	..	..	..	..	0·01	..	0·01
7	..	..	..	..	..	0·06	..	..	..	0·02	0·30	0·09	0·03	..
8	0·15	0·03	0·01	0·05	0·10	0·03	..	..	..	..	..	..	..	..
10	..	..	..	..	..	0·04	0·01	..	0·01	0·01	..	..	0·01	..
11	0·02	0·02	..	0·02	..	..	0·14	0·18	0·01	..	..	0·02	0·18	..
12	0·19	0·74	0·27	0·11	0·01	..	..	..	0·02	0·03	..	..	0·31	0·03
13	..	..	..	..	..	..	..	..	..	..	..	..	..	..
14	..	..	..	..	0·01	..	..	0·07	0·06	0·07	0·02	..	0·02	..
15	..	..	..	..	..	0·02	..	..	..	..	..	..	..	..
16	0·02	..	..	..	..	..	..	..	..	..	..	0·02	0·10	0·02
17	..	..	0·01	..	..	..	..	..	..	..	..	..	..	..
20	..	..	..	..	0·02	..	..	..	..	..	..	..	..	..
25	..	..	..	..	..	..	0·08	0·03	0·10	..	..	..	..	..
Total .	0·38	0·84	0·40	0·39	0·27	0·35	0·48	0·95	0·37	0·15	0·34	0·17	0·72	0·15

OCTOBER,†

17	..	..	..	..	..	..	..	..	..	..	..	..	..	..
23	..	..	..	..	..	..	0·02	..	..	..	..	..	..	..
27	0·21	..	..	..	..	..	..	..	..	..	..	..	..	..
28	..	..	..	..	..	..	..	..	..	..	..	..	..	..
29	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total .	0·21	0·00	0·00	0·00	0·00	0·00	0·02	0·00	0·00	0·00	0·00	0·00	0·00	0·00

†There was no rain on days not included in this table.

(Totals for sixty minutes from full hour to full hour of local mean time.)

SEPTEMBER.†

(FROM PLUVIOGRAPH RECORDS.)

Hours (B. M. T.)										Daily total.	Maximum fall in one hour.	Time of occurrence.	Daily* total by Newman.	Date.
14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24			H. to H		
0·01	..	..	..	..	..	0·02	..	..	..	1·67	0·58	7 8	1·69	1
..	..	0·04	0·03	0·04	0·43	..	..	..	..	0·57	0·43	19 20	0·59	2
..	..	..	..	..	..	..	..	..	..	0·11	0·09	7 8	0.11	4
..	..	..	..	..	..	..	..	..	..	0·15	0·15	3 4	0·15	5
..	..	..	..	..	..	..	..	..	0·01	0·12	0·05	1 2	0·13	6
0·10	0·03	0·17	0·02	0·08	..	..	..	..	0·17	1·07	0·30	10 11	1·03	7
..	..	..	0·01	..	..	..	..	..	..	0·38	0·15	0 1	0·37	8
0·29	0·03	0·01	..	..	..	..	0·03	..	0·10	0·54	0·29	14 15	0·51	10
..	..	..	..	..	..	0.05	..	..	..	0·64	0·18	7 8	0·62	11
0·04	0·04	0·12	0·05	..	..	..	..	..	..	1·96	0·74	1 2	0·89	12
..	..	..	..	..	..	..	..	..	0·01	0·01	0·01	23 24	0·01	13
..	..	..	0·09	0·20	0·14	0·01	..	..	..	0·69	0·20	18 19	0·71	14
..	..	..	..	0·14	..	0·01	..	0·05	..	0·22	0.14	18 19	0·24	15
0·66	1·47	0·93	..	0·10	..	..	0·01	0·03	..	3·36	1·47	15 16	3·26	16
..	..	..	..	..	..	..	..	..	..	0·01	0·01	2 3	0·01	17
..	..	..	..	..	..	..	..	..	..	0·02	0·02	4 5	0·02	20
..	..	..	..	..	0·27	..	..	..	..	0·48	0·27	19 20	0·49	25
1·10	1·57	1·27	0·20	0·56	0·84	0·09	0·04	0·08	0·29	12·00	..	..	11·83	Total.

OCTOBER.†

..	..	0·04	..	..	..	..	..	..	..	0·04	0·04	16 17	0·04	17
0·03	0·01	..	..	..	..	..	..	..	..	0·06	0·03	14 15	0·07	23
..	..	..	..	..	..	..	..	..	..	0·21	0·21	0 1	0·23	27
..	..	..	..	0·54	0·02	0·05	0·02	..	..	0·63	0.54	18 19	0·68	28
..	..	..	0·02	..	..	..	..	..	..	0·02	0·02	17 18	0·02	29
0·03	0·01	0·04	0·02	0·54	0·02	0·05	0·02	0·00	0·00	0·96	..	..	1·04	Total.

* Adopted as the standard instrument in the Observatory since 1845.

† There was no rain on days not included in this table.

NOTE.—There was a fall of 0·02″ of rain on the 15th April between 8 and 9 hrs. and a fall of 0·18″ on the 1st November between 18 and 19 hrs. The months of January, February, March, May and December were dry.

Total rainfall in the year was 81·62″ by the Newman Raingauge and 82·54″ by the Pluviograph.

Total number of rainy days in the year was 74 according to both the instruments, assuming a rainy day to be one on which a tenth of an inch or upwards has fallen.

The greatest fall of rain during a day in the year, that of 19th June, was 7·00″ by both the instruments.

WIND VELOCITY, 1935.

(Averages for sixty minutes from full hour to full hour of local mean time.)

(IN MILES PER HOUR).

JANUARY.

Date.	Hours (B. M. T.).														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	3	2	1	3	4	4	3	3	4	4	4	3	5	7	6
2	5	5	3	3	4	4	3	3	4	3	3	5	7	8	10
3	7	8	6	6	7	9	10	8	10	11	10	12	9	6	11
4	6	7	7	7	8	6	6	6	6	6	5	5	3	6	7
5	4	4	6	7	5	8	6	6	6	6	5	4	4	7	7
6	6	5	6	5	5	4	5	6	7	7	5	3	8	9	10
7	3	3	3	5	6	8	9	9	9	9	10	9	7	5	7
8	3	4	5	6	5	5	7	5	5	7	8	5	5	9	12
9	4	4	4	4	4	7	6	4	4	5	8	9	7	8	8
10	2	2	1	2	4	2	4	6	6	7	5	4	3	4	6
11	2	3	3	3	3	3	5	5	5	5	4	6	10	12	13
12	2	3	8	7	8	7	5	4	8	10	9	10	9	9	11
13	3	2	2	3	3	5	5	10	11	11	12	16	18	18	17
14	6	7	7	7	8	8	7	7	8	10	12	11	13	14	17
15	8	7	7	7	7	7	8	8	7	7	9	13	16	16	19
16	7	8	9	7	7	8	7	7	7	9	10	14	19	20	19
17	11	14	9	7	8	10	10	7	7	7	7	9	13	15	17
18	8	12	9	8	11	11	12	11	11	8	7	8	7	10	13
19	11	13	16	13	15	15	14	11	11	7	6	6	4	3	3
20	4	8	7	10	10	9	12	12	10	10	8	6	5	3	2
21	3	3	3	4	6	10	9	10	10	12	10	6	5	4	4
22	5	4	4	6	6	8	7	7	6	8	9	7	3	2	6
23	3	2	3	5	4	5	4	4	4	5	4	5	5	7	6
24	2	2	2	2	5	4	1	1	3	4	4	7	7	8	9
25	11	10	9	10	10	5	5	4	4	5	6	8	11	14	15
26	4	4	4	4	4	4	2	2	2	3	3	5	10	11	12
27	2	5	5	5	5	3	3	3	3	4	3	6	8	9	7
28	2	2	5	5	4	4	6	8	5	5	6	4	5	7	7
29	7	5	5	4	4	5	9	8	7	8	7	7	8	7	8
30	9	9	10	9	7	7	5	5	9	3	10	10	11	13	15
31	9	7	7	6	6	8	8	9	8	6	8	7	10	9	9
Mean ..	5·2	5·6	5·7	5·8	6·2	6·5	6·5	6·4	6·7	7·0	6·9	7·4	8·2	9·0	10·1

FEBRUARY.

1	6	6	4	4	3	5	3	3	4	5	5	4	5	9	16
2	3	2	3	4	5	5	4	4	3	3	3	4	6	8	8
3	6	3	3	3	3	2	3	3	5	4	5	4	7	12	11
4	2	4	6	7	7	4	4	3	5	3	4	5	7	10	12
5	2	4	4	4	5	6	7	7	7	5	4	5	8	8	8
6	5	6	4	2	2	4	4	5	5	5	4	6	5	6	7
7	8	6	7	7	7	4	4	4	4	4	4	9	9	9	10
8	13	11	12	12	12	7	5	4	5	6	6	5	6	8	10
9	4	7	10	8	6	4	5	4	6	5	5	3	2	5	5
10	4	3	4	4	3	3	3	3	3	4	2	2	3	6	7
11	5	3	3	2	2	3	3	3	4	4	2	4	6	8	5
12	1	2	3	3	2	1	2	2	3	6	7	9	9	10	10
13	6	5	5	5	2	3	3	5	5	8	11	14	16	19	19
14	10	9	5	5	5	2	3	3	5	10	14	17	18	17	18
15	9	5	4	4	6	6	5	5	7	7	10	11	14	16	17
16	6	5	6	7	5	5	5	7	7	8	10	8	15	16	16
17	3	3	5	5	5	8	6	5	4	5	7	10	13	16	16
18	3	2	3	3	4	4	4	2	4	6	9	11	12	14	14
19	5	6	5	5	5	4	5	4	4	8	8	5	9	9	11
20	2	2	1	1	4	6	8	8	8	5	3	3	4	5	7
21	2	2	2	2	2	2	3	4	3	3	2	5	7	7	6
22	5	6	6	6	4	4	4	2	2	4	5	7	7	10	10
23	3	2	4	5	3	3	4	5	5	5	9	10	10	9	9
24	1	1	1	2	3	5	7	7	7	6	5	6	8	9	10
25	5	4	3	3	3	4	5	6	5	7	6	4	7	9	11
26	6	7	6	5	6	4	4	3	3	3	3	7	8	9	10
27	6	11	16	13	7	7	9	4	3	5	4	5	8	10	11
28	5	6	9	11	6	9	8	5	4	9	9	8	8	8	8
Mean ..	4·9	4·7	5·1	5·1	4·5	4·4	4·6	4·3	4·6	5·5	5·9	6·8	8·5	10·1	10·8

(Averages for sixty minutes from full hour to full hour of local mean time.)

(IN MILES PER HOUR.)

JANUARY.

Hours (B. M. T.).									Mean.	Mean by R. Beckley's Anemograph.	Maximum.			Minimum.			Date.
15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24			Time.		Mag.	Time.		Mag.	
											H.	M.		H.	M.		
7	7	7	6	5	5	5	3	5	4·4	4·2	16	10	11	2	0	1	1
12	13	9	10	10	6	8	8	7	6·4	5·5	16	30	19	2	32	1	2
12	12	11	12	14	14	11	8	5	9·5	8·0	19	50	24	13	12	1	3
7	8	7	8	8	8	9	9	6	6·7	5·7	21	42	14	7	40	2	4
9	9	9	8	8	8	8	6	7	6·5	5·6	15	52	15	12	35	1	5
11	12	12	14	14	14	9	5	3	7·7	6·3	19	50	22	11	50	2	6
8	12	12	13	12	13	11	8	5	8·2	6·6	20	50	20	14	4	1	7
14	14	13	10	13	12	8	5	6	7·7	6·4	16	50	21	8	47	2	8
9	8	8	7	9	6	4	4	4	6·0	5·2	14	52	13	21	5	2	9
7	7	7	7	9	9	6	4	3	4·9	4·6	20	12	12	1	20	1	10
14	16	17	16	15	12	10	7	4	8·0	6·9	17	6	24	5	45	1	11
12	12	11	9	9	8	9	9	6	8·1	7·0	15	9	18	1	10	1	12
17	17	18	17	15	12	10	7	7	10·7	8·4	14	4	29	3	40	1	13
18	19	19	18	17	16	15	13	9	11·9	9·2	18	30	30	7	27	2	14
18	18	16	19	18	16	14	9	7	11·7	8·7	19	22	30	8	25	3	15
20	21	19	16	14	15	14	13	10	12·5	9·3	13	4	30	7	25	4	16
18	17	16	16	16	14	9	9	7	11·4	8·5	16	15	28	9	32	3	17
14	15	13	11	10	9	9	7	8	10·1	7·8	16	15	23	11	57	2	18
7	9	12	11	9	9	7	4	2	9·1	7·0	2	15	24	23	8	1	19
1	4	6	6	8	7	6	4	4	6·7	5·5	6	40	15	15	12	1	20
5	6	6	7	8	9	6	5	4	6·5	5·5	19	45	16	2	45	1	21
7	7	8	9	10	8	4	2	4	6·1	5·2	19	21	15	13	28	1	22
5	4	4	2	2	2	2	2	2	3·8	3·8	13	35	11	1	0	1	23
8	9	10	10	9	8	5	3	3	5·3	4·7	14	45	17	4	50	1	24
17	16	16	16	11	12	9	7	7	9·9	8·4	15	57	27	0	3	1	25
13	11	11	11	12	8	6	5	4	6·5	5·7	15	17	22	8	5	1	26
9	8	9	6	5	4	3	1	1	4·9	4·4	13	5	16	0	50	1	27
6	5	3	3	4	4	4	5	6	4·8	4·3	7	28	10	0	0	1	28
8	5	3	3	3	3	7	7	8	6·1	5·2	6	58	16	11	3	2	29
16	15	15	15	14	8	6	5	6	9·9	8·3	15	25	24	22	0	2	30
11	13	14	15	15	12	10	6	9	9·3	8·2	19	10	23	0	59	1	31
11·0	11·3	11·0	10·7	10·5	9·4	7·9	6·1	5·5	7·8	6·5							Mean.

FEBRUARY.

18	15	14	13	12	12	11	10	5	8·0	6·8	15	15	27	0	10	2	1
8	11	10	9	9	8	4	3	4	5·5	5·0	16	25	17	9	15	2	2
8	10	9	8	8	6	3	3	4	5·5	5·3	13	45	24	4	50	1	3
13	13	12	13	14	12	6	2	2	7·1	6·3	19	31	21	0	15	1	4
8	11	9	9	5	7	10	9	7	6·6	5·8	16	40	15	0	15	2	5
10	12	13	13	12	12	4	7	8	6·7	5·5	19	6	19	3	0	1	6
13	14	15	14	14	12	7	3	10	8·3	6·5	17	25	21	10	58	2	7
10	12	13	12	12	9	5	6	5	8·6	7·1	0	15	20	9	55	3	8
6	10	12	9	6	5	5	5	5	5·9	5·0	17	11	18	15	8	1	9
7	7	6	4	3	2	1	5	5	3·9	3·8	16	12	12	21	0	1	10
4	4	3	3	2	1	1	1	1	3·2	2·9	13	8	13	5	30	1	11
12	14	13	10	9	9	8	8	7	6·7	6·2	16	9	21	0	1	1	12
19	20	17	17	15	12	10	8	9	10·5	9·3	14	50	30	4	7	1	13
18	19	18	19	16	10	7	7	8	11·0	9·4	15	10	29	5	10	1	14
14	14	10	8	6	6	5	4	5	8·3	7·1	13	57	26	4	20	2	15
18	18	18	18	16	16	14	11	6	10·9	8·9	16	52	27	11	25	1	16
17	18	17	14	14	13	14	6	4	9·5	8·1	16	10	26	9	6	1	17
15	16	14	13	11	9	7	8	4	8·0	7·0	14	56	23	7	0	1	18
12	13	13	11	12	9	7	5	4	7·5	6·2	16	9	19	8	26	1	19
7	7	10	13	14	8	5	4	2	5·7	5·1	19	15	19	2	0	1	20
7	8	9	9	7	5	2	1	2	4·3	4·1	17	20	12	0	10	1	21
12	12	10	8	8	6	3	1	3	6·0	5·6	16	15	19	21	29	1	22
8	8	8	7	5	4	1	2	2	5·5	5·4	0	55	17	13	22	0	23
10	9	7	6	5	4	3	2	2	5·3	5·3	15	40	14	22	10	1	24
11	10	10	9	6	5	5	5	7	6·3	6·2	15	45	15	1	45	1	25
13	12	11	9	7	7	6	2	2	6·4	5·9	15	8	19	7	15	1	26
14	13	12	9	10	7	7	7	6	8·5	7·4	2	28	26	4	6	2	27
9	7	5	5	6	5	5	3	3	6·7	6·0	3	15	15	10	55	1	28
11·5	12·0	11·4	10·4	9·4	7·9	5·9	4·9	4·7	7·0	6·2							Mean.

WIND VELOCITY, 1935.

(Averages for sixty minutes from full hour to full hour of local mean time.)

(IN MILES PER HOUR.)

MARCH.

Date.	Hours (B. M. T.).														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	3	3	5	4	3	3	4	3	5	4	3	6	6	9	9
2	5	5	3	4	4	3	4	5	5	7	9	10	13	13	12
3	4	4	4	4	5	6	5	6	6	5	4	8	11	15	18
4	10	13	16	16	16	9	8	8	8	10	13	14	14	18	20
5	4	6	6	6	7	8	9	6	6	8	9	10	10	14	16
6	7	5	4	4	5	6	7	7	7	5	5	6	4	6	7
7	5	3	3	4	5	5	3	5	6	6	4	6	8	11	11
8	2	1	1	3	5	4	10	11	10	10	10	9	7	6	7
9	2	2	3	3	3	6	7	9	8	6	5	6	5	6	7
10	5	7	7	7	6	9	9	10	8	9	9	9	5	2	6
11	2	2	5	8	8	10	10	13	13	10	5	5	7	8	9
12	4	5	3	2	1	3	2	4	5	3	2	2	4	8	9
13	2	4	3	2	2	4	4	3	3	3	2	2	4	7	10
14	4	2	2	6	5	4	4	4	4	4	4	7	7	7	6
15	4	4	5	2	2	7	6	1	2	3	2	5	6	7	14
16	11	8	8	9	6	4	3	3	3	3	11	15	16	17	18
17	11	9	9	9	9	7	5	4	3	2	3	6	8	8	9
18	3	4	5	5	4	6	6	6	14	14	12	8	9	10	9
19	2	2	2	4	4	4	8	4	5	7	7	7	9	10	9
20	1	1	2	1	2	2	2	3	3	2	5	6	5	6	6
21	7	6	5	2	2	2	2	5	3	5	8	8	10	10	11
22	6	7	6	9	3	3	4	6	4	3	4	8	9	12	13
23	6	4	5	4	4	3	0	1	3	5	7	8	11	13	14
24	3	3	4	3	2	3	3	5	5	7	8	8	12	13	14
25	11	7	3	3	2	2	2	2	2	4	6	8	9	9	11
26	8	5	5	6	5	6	5	5	4	3	9	9	10	10	11
27	8	7	5	3	4	7	3	5	6	4	7	9	10	10	11
28	13	16	12	11	6	5	5	5	7	5	6	11	13	15	15
29	11	13	12	10	6	4	5	3	5	4	3	5	6	8	10
30	3	2	2	3	4	4	5	5	7	10	8	15	19	20	20
31	9	12	9	7	7	7	7	10	10	10	10	15	17	19	19
Mean ..	5·7	5·5	5·3	5·3	4·7	5·0	5·1	5·4	5·8	5·8	6·5	8·1	9·2	10·5	11·6

APRIL.

1	10	10	8	7	8	10	5	5	1	3	6	10	10	10	12
2	8	4	1	1	2	5	3	6	7	4	3	6	7	8	8
3	2	3	3	5	11	7	10	9	9	8	9	10	8	10	13
4	2	1	1	1	1	1	1	2	2	2	4	5	6	8	7
5	3	3	3	3	3	3	2	4	3	3	3	5	8	9	10
6	2	2	2	4	4	4	4	5	7	10	9	12	10	11	12
7	8	17	19	16	14	11	9	10	13	15	16	18	20	20	20
8	14	14	8	6	4	5	4	4	7	12	15	14	16	16	16
9	12	7	9	8	6	2	4	8	8	10	16	16	20	22	21
10	13	12	9	6	5	4	3	3	5	8	9	12	12	13	13
11	6	5	5	5	6	4	3	3	3	4	5	7	9	12	12
12	5	4	4	4	3	4	6	5	4	4	3	7	12	15	14
13	4	3	2	1	1	1	1	1	2	3	4	7	9	10	12
14	9	9	6	5	3	3	2	3	3	5	7	10	10	11	10
15	7	6	5	4	4	5	4	4	3	5	6	8	7	9	10
16	3	3	4	4	4	4	5	6	10	13	15	16	15	16	14
17	7	10	13	16	15	12	9	13	13	10	14	15	14	15	16
18	12	12	13	14	11	7	6	5	5	4	8	9	12	14	16
19	11	7	8	7	8	6	3	8	10	11	13	14	14	15	16
20	9	10	10	8	6	5	4	3	4	5	6	7	9	9	9
21	2	2	5	7	8	9	12	13	12	5	7	7	8	9	9
22	4	4	6	9	8	8	8	7	3	3	5	8	11	12	12
23	2	3	1	2	2	2	1	1	2	3	5	9	11	13	13
24	4	3	3	3	3	3	3	4	4	5	5	7	11	12	13
25	4	5	3	2	3	5	6	6	4	4	7	9	10	10	12
26	2	2	2	3	3	5	6	7	5	5	7	8	9	12	12
27	5	5	3	3	2	2	1	1	2	4	5	7	8	11	12
28	6	9	9	4	3	2	3	3	4	5	6	8	10	12	13
29	8	4	4	5	4	5	5	5	7	7	9	10	12	15	16
30	13	13	7	5	5	3	3	3	5	8	9	8	10	11	12
Mean ..	6·6	6·4	5·9	5·6	5·3	4·9	4·5	5.2	5·6	6·3	7·9	9·6	10·9	12·3	12·8

(Averages for sixty minutes from full hour to full hour of local mean time.)

MARCH. (IN MILES PER HOUR.)

Hours (B. M. T.)									Mean.	Mean by R. Beckley's Anemograph.	Maximum.		Minimum.		Date.
15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24			Time.	Mag.	Time.	Mag.	
											H. M.		H. M.		
7	7	6	4	3	3	3	3	4	4·6	4·4	13 29	19	19 20	2	1
12	12	12	11	11	11	7	3	4	7·7	6·9	13 4	21	9 25	2	2
20	23	22	20	15	14	7	7	8	10·0	8·5	16 37	34	9 2	2	3
22	22	22	20	18	16	15	8	6	14·3	11·8	17 50	36	8 52	3	4
16	15	14	14	16	15	12	9	6	10·1	8·2	19 47	27	12 45	2	5
10	13	9	10	11	10	9	7	5	7·0	5·7	16 25	19	10 52	1	6
11	14	11	12	10	10	6	5	4	7·0	6·6	16 35	21	6 0	1	7
9	10	9	9	9	7	6	5	3	6·8	6·4	6 48	16	1 15	1	8
8	9	10	11	11	9	5	2	3	6·1	6·0	19 8	18	0 40	1	9
10	11	10	11	10	8	8	3	1	7·5	6·5	15 58	17	22 50	1	10
10	11	12	12	12	11	10	7	6	8·6	7·2	17 22	20	0 0	1	11
9	7	10	12	10	7	5	7	7	5·5	5·1	17 16	18	6 22	1	12
10	9	9	5	6	4	2	2	3	4·4	4·0	14 28	16	10 34	1	13
6	8	6	3	1	1	4	5	3	4·5	4·1	12 59	15	12 18	0	14
13	12	10	10	9	2	2	8	12	6·2	5·8	14 32	20	7 15	1	15
18	18	17	17	13	7	4	7	10	10·3	8·8	14 13	28	8 12	1	16
9	8	7	5	2	1	2	3	3	5·9	5·9	0 45	17	19 30	1	17
8	7	5	4	3	1	1	2	2	6·2	5·1	12 10	19	12 48	0	18
9	10	9	7	6	6	3	1	1	5·7	4·9	12 52	15	11 25	1	19
7	10	10	8	5	5	7	5	5	4·5	4·5	16 43	12	3 20	1	20
11	11	9	8	6	6	5	2	4	6·2	6·2	14 20	17	22 10	0	21
13	13	13	13	7	8	7	8	7	7·7	7·3	15 35	20	7 55	1	22
15	13	11	10	9	7	6	5	3	7·0	6·5	15 10	22	6 5	0	23
13	13	13	12	12	9	9	11	13	8·3	7·4	16 9	21	12 2	1	24
12	12	10	12	12	12	11	6	7	7·3	6·9	19 50	19	9 15	1	25
11	12	12	12	9	7	7	7	8	7·7	7·3	18 50	17	9 52	1	26
9	11	9	9	10	8	9	10	11	7·7	7·3	14 40	18	2 47	1	27
17	16	17	17	15	13	8	10	10	11·2	9·7	1 40	25	4 25	1	28
10	12	11	9	6	3	3	8	6	7·2	6·8	1 20	20	4 20	1	29
20	19	16	15	14	13	8	12	11	10·6	9·3	15 20	30	0 40	1	30
20	19	17	16	14	10	7	9	10	12·1	10·7	16 10	30	9 52	1	31
12·1	12·5	11·5	10·9	9·5	7·9	6·4	6·0	6·0	7·6	6·8					Mean.

APRIL.

10	12	11	10	7	4	5	4	6	7·7	7·1	14 8	20	9 0	0	1
9	8	5	5	4	2	1	0	0	4·5	4·4	0 17	14	9 10	0	2
9	8	7	5	3	2	2	2	2	6·5	6·0	14 1	20	0 0	0	3
10	10	9	9	7	4	4	5	5	4·5	4·5	15 45	14	0 45	1	4
11	11	9	8	7	8	7	5	4	5·6	5·3	15 25	16	11 25	1	5
14	14	12	10	9	8	6	3	5	7·5	6·7	16 20	22	0 35	2	6
19	17	16	14	12	9	7	12	16	14·5	13·0	14 20	29	19 12	3	7
16	15	15	15	13	16	16	17	14	12·2	10·5	12 50	25	11 25	2	8
19	16	14	9	8	10	8	10	12	11·5	9·6	14 12	33	9 15	2	9
13	15	15	14	11	8	5	7	6	9·2	8·1	17 15	24	7 35	1	10
11	12	12	10	9	6	4	4	5	6·7	6·1	16 12	18	8 35	1	11
15	14	12	9	7	4	3	3	4	6·9	6·2	15 9	20	4 10	1	12
14	14	14	11	11	9	9	8	9	6·7	5·7	15 28	20	6 8	1	13
10	9	9	7	7	6	7	8	7	6·9	6·2	13 7	16	8 11	2	14
10	10	9	9	7	5	4	5	3	6·1	5·1	14 48	17	8 15	2	15
10	6	5	6	4	4	3	3	4	7·4	5·5	11 7	24	16 45	1	16
15	14	13	13	14	22	18	12	11	13·5	10·8	20 16	36	9 50	2	17
16	15	16	14	13	10	9	9	11	10·9	8·8	14 59	26	9 47	2	18
16	16	15	14	11	10	7	6	7	10·5	8·8	14 28	24	6 2	2	19
10	10	9	8	6	4	3	2	2	6·6	5·1	1 5	16	6 40	2	20
9	10	10	9	7	7	8	8	7	7·9	6·5	16 20	19	12 20	1	21
12	11	7	4	3	2	3	3	2	6·5	5·9	14 38	17	0 12	1	22
13	9	7	6	4	6	9	8	5	5·7	4·5	15 30	21	6 10	1	23
11	11	9	5	5	7	9	9	5	6·4	4·5	14 54	19	2 53	1	24
10	10	7	7	5	3	2	3	2	5·8	4·8	14 45	17	9 45	1	25
12	13	9	8	10	11	9	9	7	7·3	6·3	15 5	18	8 50	1	26
13	13	11	10	10	9	9	9	7	6·7	5·8	16 2	19	6 5	1	27
15	14	12	10	12	13	11	11	10	8·5	7·4	15 30	21	3 20	2	28
17	17	16	13	13	16	15	16	16	10·6	9·1	17 55	29	7 48	1	29
14	15	16	12	13	13	14	15	12	10·0	8·6	17 10	25	7 42	2	30
12·8	12·3	11·0	9·5	8·4	7·9	7·2	7·2	6·9	8·0	6·9					Mean.

WIND VELOCITY, 1935.

(Averages for sixty minutes from full hour to full hour of local mean time.)

MAY.

(IN MILES PER HOUR.)

Date.	Hours (B. M. T.)														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	8	5	5	6	5	4	4	2	3	7	11	14	17	18	17
2	16	14	9	5	5	5	5	4	5	7	9	8	12	13	13
3	3	2	3	4	3	2	2	5	6	8	9	9	8	9	10
4	5	3	2	2	2	2	2	2	3	4	4	6	7	9	11
5	3	3	2	2	2	3	4	5	4	3	5	9	13	14	15
6	11	10	10	5	4	5	1	2	3	4	6	6	6	13	13
7	15	14	12	7	5	5	4	3	2	4	6	8	11	12	12
8	14	14	14	14	15	13	13	12	12	12	10	11	10	13	12
9	7	6	5	4	2	2	3	3	4	5	7	9	8	9	9
10	10	9	5	5	5	5	5	5	5	9	9	10	10	12	13
11	8	10	7	5	5	4	4	3	5	8	10	12	12	13	13
12	9	9	10	5	5	5	4	3	4	7	7	7	10	13	14
13	8	6	5	4	4	4	3	4	2	3	7	9	11	11	12
14	4	4	2	4	4	4	2	5	4	4	5	9	11	12	11
15	2	2	2	2	2	2	3	5	3	4	6	8	10	12	13
16	2	2	2	2	2	2	2	3	3	4	5	7	10	11	11
17	1	0	1	1	4	5	3	4	3	5	6	7	8	10	12
18	5	4	5	4	3	3	3	4	3	4	6	6	8	10	10
19	7	7	6	5	5	3	3	4	5	6	8	8	9	9	9
20	8	4	4	3	2	3	3	3	4	5	7	8	10	11	12
21	6	6	4	3	4	4	4	3	4	5	6	7	7	8	8
22	5	5	5	4	3	3	3	3	4	6	6	7	9	10	11
23	6	5	3	4	3	3	3	5	5	6	7	8	8	10	10
24	4	5	4	3	3	2	5	5	6	7	9	10	10	9	9
25	3	2	1	2	2	3	3	3	4	5	5	7	7	7	8
26	3	2	2	2	3	3	3	3	4	5	5	6	7	8	8
27	5	5	5	4	5	4	5	5	5	6	7	8	8	10	10
28	4	4	4	5	5	4	4	4	5	6	8	9	9	9	10
29	5	4	4	3	3	5	5	4	5	5	6	7	9	9	10
30	7	6	7	6	6	3	3	4	5	6	8	10	11	12	13
31	8	8	6	7	6	6	7	7	7	7	8	10	9	9	9
Mean ..	6·5	5·8	5·0	4·3	4·1	3·9	3·8	4·1	4·4	5·7	7·0	8·4	9·5	10·8	11·2

JUNE.

1	9	9	9	9	9	8	9	7	7	8	8	8	8	10	9
2	9	6	5	6	5	5	6	5	7	7	8	8	8	9	8
3	5	7	8	6	7	6	6	7	7	8	8	9	10	10	10
4	5	7	6	6	7	5	4	4	5	5	5	5	7	8	7
5	5	5	5	5	5	5	3	3	3	3	5	6	8	10	12
6	3	2	1	1	1	1	2	4	3	5	6	7	8	8	9
7	1	1	1	1	1	3	3	4	4	4	7	7	8	8	11
8	4	3	4	6	5	4	3	6	5	3	3	3	6	8	9
9	4	6	4	7	6	6	6	4	5	6	9	7	8	8	8
10	7	7	7	8	8	10	10	4	8	7	8	9	8	11	12
11	9	8	9	9	8	4	5	5	5	8	9	9	10	11	12
12	8	6	7	5	5	5	5	3	3	2	4	6	7	6	7
13	8	9	6	5	11	7	10	11	7	10	12	12	13	10	10
14	9	16	14	11	5	12	6	8	8	12	15	20	18	18	20
15	9	7	6	6	7	3	8	5	6	5	5	8	13	14	11
16	5	7	6	8	7	5	4	3	2	3	1	3	5	7	12
17	7	6	4	3	5	3	5	6	7	5	1	0	5	9	9
18	3	1	9	16	19	24	25	25	24	22	20	22	21	21	16
19	16	13	13	12	15	11	19	14	10	11	18	17	17	13	13
20	1	4	4	4	3	5	7	7	6	7	7	6	8	9	13
21	12	17	13	13	10	11	10	12	11	11	13	12	14	17	17
22	9	6	8	7	8	9	7	6	5	6	7	7	6	11	8
23	10	7	11	11	6	5	6	8	7	3	16	16	7	3	3
24	11	12	14	13	11	11	9	5	6	8	4	4	4	3	7
25	13	15	17	15	15	13	13	15	15	5	7	3	5	8	6
26	12	3	3	2	5	6	8	9	11	7	5	4	5	8	5
27	6	7	9	8	13	16	14	10	12	13	12	14	9	7	8
28	12	10	11	13	14	13	15	17	17	14	13	7	9	13	17
29	10	14	10	12	14	13	15	13	13	12	13	12	11	11	12
30	10	11	11	13	10	10	10	11	10	10	5	1	2	11	11
Mean ..	7·7	7·7	7·8	8·0	8·2	8·1	8·4	8·9	8·0	7·7	8·5	8·4	8·9	10·0	10·4

(Averages for sixty minutes from full hour to full hour of local mean time.)

MAY.

(IN MILES PER HOUR.)

Hours. (B. M. T.)									Mean.	Mean by R. Beckley's Anemograph.	Maximum.		Minimum.		Date.
15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24			Time.	Mag.	Time.	Mag.	
											H. M.		H. M.		
14	11	8	10	14	16	15	14	16	10·1	8·3	13 20	28	8 1	2	1
14	12	10	8	6	4	5	6	4	8·3	7·3	0 20	22	9 2	2	2
9	10	9	7	5	5	5	6	5	6·0	4·1	13 50	17	19 48	2	3
11	10	9	7	5	4	4	4	4	5·1	3·3	15 13	18	1 15	1	4
16	16	15	11	10	9	8	10	12	8·1	6·7	16 15	23	0 7	2	5
12	11	7	3	7	11	12	12	14	7·8	6·5	14 10	19	6 2	1	6
12	11	6	2	4	5	7	8	13	7·8	6·7	0 25	18	8 0	1	7
9	11	10	9	6	4	5	4	5	10·5	8·4	13 50	21	11 59	1	8
11	11	11	9	8	8	8	7	8	6·8	5·7	17 3	17	9 10	0	9
14	14	13	10	7	7	9	8	8	8·6	7·6	15 57	19	8 10	1	10
14	13	15	14	12	6	7	11	10	9·2	7·8	17 45	23	6 35	2	11
15	17	16	13	9	6	6	3	5	8·4	7·2	16 25	22	7 50	2	12
13	13	12	8	5	5	7	3	3	6·7	5·9	15 50	19	22 10	1	13
11	11	11	9	8	7	6	3	3	6·4	5·8	13 32	18	6 30	1	14
12	11	11	9	7	6	6	5	3	6·1	4·9	14 7	19	6 10	1	15
12	12	10	7	7	7	6	4	2	5·6	4·7	13 56	17	12 15	0	16
13	13	12	12	12	12	10	8	7	7·0	6·6	14 45	18	1 8	0	17
11	11	10	9	8	8	8	7	7	8·5	5·6	15 35	17	7 50	1	18
9	9	9	8	8	8	9	7	8	7·1	6·5	21 20	14	4 55	2	19
12	11	9	9	8	7	5	6	6	6·7	6·1	15 54	18	8 13	1	20
9	9	9	9	8	7	6	6	6	6·2	5·6	13 30	14	7 1	1	21
11	9	8	7	5	6	5	5	4	6·0	5·8	14 47	16	8 35	1	22
10	10	9	7	5	7	7	7	4	6·3	6·1	13 35	15	11 1	1	23
9	10	9	9	8	6	6	5	5	6·6	6·3	13 16	15	0 15	1	24
8	8	9	8	8	5	5	4	4	5·0	4·1	15 54	14	1 25	1	25
8	8	7	6	6	5	5	5	5	5·0	4·0	15 15	15	0 21	1	26
9	8	7	6	6	6	7	6	6	6·4	5·3	13 30	14	1 25	1	27
11	9	9	8	7	8	7	6	6	6·7	6·5	13 32	15	0 17	1	28
11	11	11	8	6	7	7	6	6	6·5	6·4	16 14	17	0 50	1	29
13	13	12	9	8	9	8	7	8	8·1	7·9	15 55	20	6 10	1	30
9	8	7	7	7	7	8	8	8	7·6	6·5	11 5	15	7 25	2	31
11·4	11·0	10·0	8·4	7·4	7·0	7·1	6·5	6·6	7·1	6·1					Mean.

JUNE.

9	10	10	8	7	5	7	8	9	8·3	6·7	1 50	15	12 52	1	1
6	4	4	4	6	5	5	5	5	6·1	4·3	0 20	14	16 52	1	2
10	9	9	7	6	5	4	4	4	7·2	5·5	14 10	15	21 25	1	3
8	7	5	4	3	2	3	5	5	5·3	4·0	14 15	13	19 50	1	4
12	13	13	10	8	6	5	4	3	6·5	5·9	16 8	18	21 15	1	5
9	9	8	5	5	3	3	3	3	4·5	4·4	16 3	14	0 0	1	6
10	8	7	8	8	7	5	8	9	5·6	4·4	14 15	19	13 28	0	7
10	11	8	5	6	6	7	6	5	5·7	4·9	15 54	17	0 35	1	8
8	10	12	12	8	6	10	9	8	7·4	5·4	17 50	18	3 20	1	9
11	12	12	12	11	12	10	8	8	9·2	8·0	5 53	23	7 20	2	10
11	10	9	9	9	8	9	9	8	8·5	7·3	4 57	19	5 20	2	11
8	10	10	10	11	11	10	10	11	7·1	5·0	20 25	17	9 12	1	12
10	10	10	16	17	20	16	16	11	11·1	8·8	20 3	31	13 14	0	13
18	16	12	11	14	14	11	11	13	13·0	10·7	11 10	29	19 17	1	14
11	8	8	8	7	8	9	10	7	8·1	6·8	13 45	22	17 6	1	15
10	5	3	2	6	5	6	5	6	5·3	4·4	14 50	18	10 33	1	16
10	12	5	5	4	5	5	5	2	5·3	4·7	16 12	27	11 30	0	17
12	12	11	10	12	15	15	16	18	16·2	13·9	6 35	40	1 0	1	18
10	12	13	10	6	2	1	0	0	11·1	10·4	4 25	32	22 20	0	19
8	7	7	10	13	11	10	9	7	7·2	5·6	19 2	25	0 45	0	20
17	14	11	13	11	8	6	5	5	11·8	9·5	18 52	27	22 33	1	21
8	6	12	14	7	5	5	17	12	8·2	6·0	18 40	33	9 58	1	22
7	10	8	14	16	13	10	9	11	9·0	7·5	11 11	35	9 0	1	23
11	14	14	12	11	12	11	12	12	9·6	8·2	2 20	24	7 10	1	24
7	3	2	6	10	13	15	14	13	10·3	8·7	8 27	35	14 45	1	25
7	7	7	6	6	5	7	4	4	6·1	5·3	0 6	19	1 8	1	26
7	9	9	11	11	12	11	10	9	10·3	9·2	11 30	28	13 5	1	27
22	21	15	10	7	5	14	16	16	13·4	11·0	15 20	44	11 50	1	28
11	11	12	13	13	10	12	13	11	12·1	7·5	1 31	29	13 7	2	29
13	13	14	14	14	12	12	12	9	10·4	8·3	7 50	23	11 20	1	30
10·4	10·1	9·3	9·3	9·1	8·4	8·5	8·8	8·1	8·7	7·1					Mean.

WIND VELOCITY, 1935.

(Averages for sixty minutes from full hour to full hour of local mean time.)

(IN MILES PER HOUR.)

JULY.

Date.	Hours. (B. M. T.)														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	11	16	20	8	10	18	15	9	11	14	3	1	16	14	12
2	13	13	8	10	13	12	14	12	13	11	10	11	10	9	9
3	18	15	14	12	12	11	12	15	15	15	12	13	9	13	16
4	15	9	13	7	5	7	9	4	3	4	6	10	6	3	12
5	19	22	17	12	10	9	9	8	10	10	9	12	12	15	11
6	7	9	13	15	14	12	11	12	14	11	16	16	18	18	16
7	13	15	14	16	18	17	18	14	15	14	16	14	17	18	14
8	16	14	9	19	20	18	17	16	16	16	16	16	17	17	16
9	19	19	16	16	17	16	17	17	16	17	19	20	17	18	17
10	16	17	17	17	17	18	18	17	17	16	15	17	18	19	17
11	23	22	16	17	17	18	16	16	16	15	15	17	15	15	16
12	14	15	17	15	16	15	15	14	14	12	15	16	16	15	15
13	14	13	16	16	15	14	11	12	12	13	12	13	14	13	13
14	12	12	12	13	12	13	12	10	10	10	11	11	12	12	11
15	8	10	10	9	8	8	7	7	8	9	8	8	7	7	8
16	11	10	10	9	10	10	10	8	8	9	11	10	12	13	14
17	12	13	10	12	13	14	12	16	17	16	13	12	13	13	10
18	13	19	16	7	13	13	15	15	16	16	18	18	18	18	17
19	17	18	20	16	18	18	19	13	14	16	15	17	15	14	17
20	19	18	17	18	16	16	14	20	24	15	16	18	17	17	20
21	19	18	19	17	18	16	15	15	16	16	17	16	19	19	20
22	16	16	16	18	15	15	9	12	13	12	15	14	12	14	16
23	14	15	15	16	15	13	12	14	10	15	12	13	12	12	13
24	14	13	16	15	15	16	14	13	14	14	14	13	16	17	19
25	17	15	18	18	19	15	15	17	14	15	16	17	18	17	18
26	17	17	16	18	18	17	18	27	15	15	17	16	16	16	16
27	15	15	15	14	14	15	16	15	16	15	15	16	16	17	15
28	17	17	16	17	17	16	16	13	15	15	14	11	15	15	17
29	17	18	18	16	15	16	17	16	15	16	20	19	18	14	16
30	20	20	20	20	18	16	15	15	14	15	15	15	15	16	16
31	17	18	16	17	17	20	17	16	17	17	17	16	18	19	17
Mean . .	15·3	15·5	15·2	14·5	14·7	14·6	14·0	13·8	13·8	13·7	13·8	14·1	14·6	14·7	15·0

AUGUST.

1	16	16	16	15	15	16	16	15	15	18	16	17	16	10	16
2	15	17	19	18	17	17	16	17	13	14	14	15	16	15	14
3	14	14	14	14	15	18	12	17	18	10	9	12	13	13	11
4	10	12	11	12	15	15	14	14	12	12	11	11	12	10	10
5	11	12	12	12	12	14	15	14	12	12	12	12	13	14	14
6	12	12	13	14	14	15	14	15	14	16	15	13	12	12	10
7	12	12	13	14	15	13	12	11	10	10	9	11	10	12	13
8	13	13	15	15	14	13	14	13	19	15	16	12	12	11	16
9	16	17	18	19	17	20	19	13	17	19	14	15	20	12	16
10	14	14	15	16	18	16	17	16	15	13	15	15	15	15	14
11	17	16	17	16	17	17	17	16	14	14	14	11	15	14	14
12	12	16	17	16	16	17	17	12	15	16	16	14	15	16	16
13	14	14	12	15	15	13	11	12	13	12	15	18	15	15	13
14	11	13	12	13	12	12	11	13	14	15	14	13	13	13	13
15	13	14	15	10	12	16	7	6	13	11	13	14	14	12	14
16	12	12	16	10	11	10	9	9	10	9	11	10	8	8	12
17	6	8	9	10	7	9	5	7	8	4	7	12	10	9	7
18	7	9	8	7	11	9	5	6	6	5	9	4	2	4	9
19	3	3	2	2	5	3	2	5	4	8	9	7	5	6	7
20	5	6	8	6	6	5	5	5	4	5	5	6	6	6	7
21	8	9	8	8	7	7	6	6	5	5	6	6	7	7	7
22	7	7	7	6	6	6	5	5	5	7	10	8	8	8	8
23	7	6	6	6	6	5	5	5	5	4	4	5	11	9	7
24	7	11	8	5	5	5	5	3	6	4	2	7	3	3	10
25	4	1	3	4	3	3	6	7	5	8	5	5	4	3	5
26	5	4	5	6	6	7	7	6	8	9	8	8	8	12	14
27	5	5	6	6	8	10	9	5	5	8	10	12	13	14	14
28	8	12	10	9	13	13	10	10	11	10	13	11	11	12	15
29	12	11	12	11	9	9	10	9	9	8	7	11	14	18	19
30	10	10	9	5	7	6	2	2	3	2	5	5	6	7	8
31	8	10	11	9	9	8	9	7	5	4	4	4	4	3	5
Mean .	10·1	10·8	11·2	10·6	11·1	11·2	10·1	9·7	10·1	10·0	10·3	10·5	10·7	10·4	11·5

(Averages for sixty minutes from full hour to full hour of local mean time.)

JULY. (IN MILES PER HOUR.)

Hours. (B. M. T.)									Mean.	Mean by R. Beckley's Anemograph.	Maximum.			Minimum.			Date.
15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24			Time.		Mag.	Time.		Mag.	
											H.	M.		H.	M.		
6	6	8	10	11	9	12	14	14	11·2	10·5	2	30	35	10	45	1	1
12	16	17	18	17	18	17	18	19	13.3	12·3	17	5	26	12	35	2	2
16	12	8	8	9	9	11	4	13	12·2	10·2	23	40	28	12	5	2	3
14	16	16	14	8	7	9	13	14	9·3	7·0	0	5	29	13	10	1	4
10	12	14	14	13	11	13	11	8	12·1	7·7	17	59	34	11	3	2	5
21	14	18	14	12	10	13	14	14	13·8	3·6	15	27	41	7	10	2	6
15	15	15	13	14	9	15	15	21	15·2	9·9	7	55	43	15	8	1	7
16	16	18	18	18	17	18	18	18	16·7	10·3	19	40	39	2	7	3	8
17	16	17	18	15	14	10	6	15	16·2	10·3	23	35	41	0	10	4	9
17	18	18	18	19	18	18	20	20	17·6	11·1	23	45	39	20	40	3	10
17	18	19	16	13	14	12	13	14	16·3	10·1	1	50	42	23	45	3	11
14	14	14	15	15	11	12	12	13	14·3	8·7	12	25	33	9	28	2	12
13	13	11	9	12	11	11	13	13	12·8	7·6	3	35	30	7	10	2	13
12	12	11	11	10	10	10	9	8	11·1	6·7	8	10	25	7	5	4	14
9	9	9	9	11	11	9	9	10	8·7	5·3	15	45	28	15	50	1	15
13	12	13	12	12	11	10	10	11	10·8	6·7	12	20	26	10	17	1	16
14	16	13	11	9	14	12	12	16	13·0	8·6	15	47	39	0	20	3	17
18	15	14	14	13	13	15	16	15	15·2	10·2	15	22	33	23	25	4	18
16	16	17	18	13	17	16	16	16	16·3	10·0	18	31	53	5	40	4	19
20	22	19	18	19	19	19	20	21	18·4	12·9	16	12	46	7	10	5	20
19	17	18	16	15	16	15	14	15	16·9	11·7	14	20	34	8	5	4	21
16	18	17	16	16	15	16	15	14	14·8	9·2	3	40	37	9	32	3	22
17	13	9	14	14	13	14	12	13	13·3	7·9	14	32	34	14	20	4	23
17	15	17	16	16	15	16	17	17	15·4	9·4	16	35	37	7	28	4	24
18	19	19	19	18	17	17	18	14	17·0	10·3	2	15	38	5	15	3	25
15	16	16	17	16	17	15	16	15	16·7	10·6	7	40	35	16	40	4	26
15	14	14	15	15	15	16	16	17	15·3	9·3	8	53	29	0	45	4	27
14	13	15	15	16	16	16	16	19	15·5	10·4	3	45	34	16	50	3	28
16	15	16	14	14	9	10	16	16	15·7	11·0	1	52	37	21	12	3	29
13	14	10	10	12	12	13	16	19	15·4	10·5	2	50	39	17	30	3	30
16	15	15	14	13	12	13	14	15	16·1	11·5	5	30	30	29	20	4	31
15·0	14·8	14·7	14·3	13·8	13·2	13·6	14·0	15·1	14·4	9·6							Mean.

AUGUST.

16	16	15	15	16	15	14	15	14	15·4	9·6	9	50	35	13	25	3	1
16	14	13	15	14	14	13	11	14	15·0	9·5	3	2	29	0	45	3	2
13	12	12	11	9	11	11	9	9	12·5	8·9	7	57	30	0	35	3	3
12	13	10	13	11	13	12	10	12	12·0	8·7	0	1	27	2	40	3	4
14	12	13	13	12	13	13	12	12	12·7	9·2	1	27	31	3	50	4	5
10	11	12	11	11	10	11	13	13	12·6	8·6	10	15	27	20	8	3	6
16	15	11	12	10	12	12	12	14	12·1	7·4	21	32	37	17	5	2	7
15	15	14	15	16	15	16	15	17	14·5	8·5	8	55	40	11	50	3	8
14	16	16	16	17	16	15	14	14	16·3	10·1	5	48	41	23	32	2	9
15	16	16	15	15	16	15	16	14	15·4	9·2	23	50	39	0	3	4	10
12	12	13	15	15	15	15	14	12	14·7	8·9	13	14	31	11	8	2	11
14	14	14	14	14	15	14	13	11	14·7	9·1	9	45	31	15	25	3	12
12	11	12	10	12	12	11	12	11	12·9	8·3	3	10	31	15	50	2	13
12	11	13	11	12	14	13	12	14	12·7	7·7	8	5	24	0	15	2	14
13	14	16	13	14	12	11	11	11	12·5	7·9	5	5	30	3	55	2	15
12	16	12	12	8	8	7	7	8	10·3	6·5	16	52	35	7	50	2	16
10	9	9	7	11	6	11	10	11	8·4	5·7	19	9	33	6	25	1	17
9	11	11	10	10	10	10	12	6	7·9	5·1	1	15	25	12	45	0	18
9	8	9	8	7	8	9	8	7	6·0	4·1	17	5	17	6	0	1	19
7	7	6	8	8	5	6	8	8	6·2	4·5	2	35	16	8	57	1	20
8	7	7	6	7	6	9	5	6	6·8	4·8	21	48	20	7	57	2	21
7	8	7	4	5	7	7	6	6	6·7	4·2	10	58	19	15	55	1	22
7	10	7	6	8	11	7	11	9	7·0	5·2	22	50	23	9	15	1	23
10	9	9	6	3	5	3	3	4	5·7	4·9	14	47	20	7	8	1	24
10	8	7	7	6	4	4	5	5	5·1	4·3	9	15	21	13	28	1	25
13	13	12	10	8	7	6	5	5	8·0	7·3	14	40	22	12	3	1	26
11	10	11	10	8	6	4	4	6	8·3	7·6	14	40	21	8	7	2	27
15	15	11	10	9	9	9	13	10	11·2	9·3	16	56	24	2	6	3	28
19	18	19	16	13	12	12	11	8	12·4	11·5	14	56	30	10	55	2	29
8	8	9	7	8	6	6	11	9	6·6	6·5	1	10	15	9	32	0	30
12	14	13	10	4	10	11	9	8	8·0	7·3	16	7	21	12	45	2	31
12·0	12·0	11·6	10·8	10·4	10·4	10·2	10·2	9·9	10·7	7·4							Mean.

WIND VELOCITY, 1935.

(Averages for sixty minutes from full hour to full hour of local mean time.)

SEPTEMBER. (IN MILES PER HOUR.)

Date.	Hours (B.M.T.)														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	6	5	5	4	5	6	9	5	7	8	4	3	6	4	7
2	6	6	6	6	12	13	10	7	10	10	7	14	7	4	6
3	5	5	6	6	5	5	5	4	4	6	7	8	9	10	11
4	5	5	5	5	6	5	5	6	5	5	5	4	6	6	6
5	3	5	5	7	6	5	6	7	7	8	7	8	9	8	8
6	7	9	10	8	13	14	14	14	13	13	13	13	16	17	12
7	15	16	13	16	13	20	13	12	12	12	12	18	13	18	20
8	8	12	9	7	8	5	4	7	8	9	10	10	10	10	10
9	11	11	10	10	11	9	9	9	10	9	10	10	9	7	7
10	13	14	12	14	13	15	15	13	13	11	11	13	13	12	16
11	11	11	13	12	14	14	15	13	12	15	14	14	16	15	12
12	7	4	3	4	7	6	6	4	6	3	5	5	7	9	9
13	8	7	6	6	5	4	5	6	8	12	12	13	12	9	6
14	4	5	6	8	9	9	12	12	13	16	16	17	15	11	7
15	5	6	5	7	8	5	9	9	6	5	5	7	7	7	5
16	10	10	13	13	10	11	12	12	13	7	11	16	17	11	14
17	8	6	7	6	9	11	10	7	10	11	11	12	11	12	11
18	5	7	7	6	7	6	8	7	7	8	7	9	11	9	7
19	5	5	4	5	5	4	4	4	5	5	5	5	5	5	6
20	5	6	6	7	6	5	5	5	5	5	5	5	6	6	5
21	4	5	5	5	4	6	6	7	8	8	9	9	8	9	8
22	5	6	7	7	8	9	5	8	6	5	5	5	5	5	6
23	4	4	5	6	6	7	8	9	9	6	3	3	3	5	5
24	4	4	5	6	7	8	7	7	8	6	4	4	3	3	4
25	5	10	9	9	10	8	7	6	10	8	11	6	5	5	7
26	4	6	5	2	5	4	5	9	6	5	3	3	4	6	7
27	3	3	3	3	5	6	5	5	4	3	3	3	5	6	6
28	3	3	5	3	3	3	6	5	5	4	4	7	7	7	7
29	2	3	3	3	3	3	3	4	5	3	4	5	7	8	10
30	3	4	4	4	4	4	4	5	4	3	6	7	8	8	9
Mean . .	6·1	6·8	6·7	6·8	7·6	7·7	7·7	7·6	8·0	7·6	7·6	8·5	8·7	8·4	8·5

OCTOBER.

1	4	4	4	4	4	4	3	2	1	2	4	6	8	10	11
2	2	2	1	1	1	1	1	1	1	2	4	5	6	7	8
3	1	1	1	1	2	4	4	5	5	5	3	5	6	8	10
4	5	4	4	4	4	4	4	4	5	7	8	7	7	7	8
5	4	4	4	4	4	5	7	7	5	7	6	9	11	13	14
6	2	2	3	3	3	3	4	4	4	6	9	9	10	12	12
7	3	3	4	3	4	4	4	5	5	7	9	9	9	10	11
8	4	5	4	5	5	5	4	4	4	4	4	3	7	7	10
9	2	3	5	8	8	8	6	7	5	5	4	2	3	4	6
10	3	1	1	2	3	3	4	5	4	5	3	3	4	5	6
11	3	3	3	3	4	4	4	4	4	5	3	3	2	4	6
12	3	5	3	3	3	3	4	4	4	4	5	5	3	4	5
13	0	0	0	3	4	4	4	4	5	7	8	8	7	7	6
14	4	4	4	4	6	6	9	8	8	8	7	6	5	5	5
15	5	3	4	6	7	5	4	4	4	4	3	3	5	6	7
16	6	6	6	4	5	6	7	7	7	5	5	5	4	6	7
17	5	5	7	8	6	6	6	5	5	3	3	3	5	7	9
18	7	6	5	5	5	5	6	6	4	3	3	2	4	7	10
19	5	5	5	6	8	9	5	7	7	7	5	5	4	7	11
20	8	9	6	5	5	3	4	6	5	6	6	6	7	6	9
21	3	4	4	8	6	5	5	7	6	5	5	3	4	5	6
22	4	3	3	3	3	3	4	5	5	5	5	5	5	4	9
23	15	15	14	13	14	14	6	6	8	9	4	2	4	11	19
24	5	7	5	2	2	2	3	5	5	3	4	2	4	6	7
25	3	3	3	3	3	4	3	5	2	3	4	3	6	7	7
26	4	6	6	4	4	4	4	4	3	3	3	5	6	5	5
27	7	3	5	6	5	5	6	6	6	7	7	5	6	8	7
28	3	3	3	3	3	3	3	3	4	4	3	4	6	8	9
29	3	2	3	4	4	4	3	3	4	7	8	9	12	13	15
30	5	5	5	3	2	3	5	5	4	5	4	7	8	9	10
31	3	4	5	4	3	3	4	5	5	7	5	5	5	8	10
Mean .	4·2	4·2	4·2	4·4	4·5	4·6	4·5	4·9	4·6	5·2	5·0	5·0	5·9	7·3	8·9

(Averages for sixty minutes from full hour to full hour of local mean time.)

SEPTEMBER. (IN MILES PER HOUR.)

Hours (B. M. T.)									Mean.	Mean by R. Beckley's Anemograph.	Maximum.		Minimum.		Date.
15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24			Time.	Mag.	Time.	Mag.	
											H. M.		H. M.		
7	7	5	5	7	9	7	3	5	5·8	4·5	6 8	16	13 50	1	1
3	5	11	7	8	6	7	7	7	7·7	5·3	11 2	26	15 15	1	2
9	9	8	7	7	6	5	5	5	6·5	4·9	14 48	16	8 50	2	3
8	7	7	5	5	5	3	4	3	5·3	3·9	7 15	15	7 30	1	4
11	10	13	8	9	8	7	8	8	7·5	5·6	17 18	23	1 20	1	5
11	14	16	14	16	16	15	16	16	13·3	8·2	12 57	36	0 15	2	6
22	13	14	14	15	15	13	9	5	14·3	10·4	14 16	38	5 8	2	7
12	11	11	8	5	6	6	9	9	8·5	7·3	1 33	23	0 8	1	8
8	10	8	9	9	10	10	11	13	9·6	9·2	22 35	20	13 45	2	9
15	16	16	15	14	14	10	20	12	13·7	11·7	22 15	36	13 35	2	10
13	13	13	12	11	10	11	11	9	12·7	11·2	2 35	25	20 30	4	11
4	2	4	6	5	6	9	8	8	5·7	4·5	0 6	21	16 0	0	12
4	5	5	6	6	7	10	9	6	7·4	5·8	12 26	15	15 0	2	13
8	4	3	3	5	2	1	3	4	8·0	7·5	9 40	20	20 42	0	14
7	6	3	5	6	9	6	5	11	6·5	4·7	23 45	18	11 20	1	15
20	18	12	13	13	11	9	9	9	12·3	10·7	16 7	42	9 32	4	16
10	9	8	9	7	5	5	5	5	8·5	7·0	13 30	19	1 47	3	17
7	7	6	5	4	4	6	5	5	6·7	4·6	12 34	17	14 13	2	18
6	5	5	4	4	4	4	4	4	4·7	3·4	14 45	10	14 5	0	19
6	7	6	5	5	5	4	4	4	5·3	4·7	9 51	11	13 15	2	20
6	5	6	5	6	6	6	5	5	6·3	5·3	12 52	17	4 47	1	21
6	5	5	3	4	3	3	3	4	5·3	4·7	1 56	13	20 48	1	22
5	5	5	5	5	4	4	5	5	5·3	4·6	6 58	10	1 30	1	23
5	4	6	5	4	5	5	6	5	5·2	4·6	22 32	11	12 45	0	24
6	6	6	4	6	4	4	3	4	6·6	5·9	19 40	21	13 10	0	25
8	7	6	5	5	5	5	5	3	5·1	5·5	15 47	13	0 30	0	26
5	5	6	7	6	6	6	6	5	4·8	5·1	17 57	10	11 28	1	27
8	8	9	7	6	6	5	5	4	5·4	5·5	16 25	15	10 5	0	28
8	8	7	7	7	5	5	5	5	5·1	5·2	14 35	14	0 20	1	29
10	10	8	7	5	5	5	4	4	5·6	5·7	16 8	14	8 50	2	30
8·6	8·0	7·9	7·2	7·2	6·9	6·5	6·7	6·4	7·5	6·2					Mean.

OCTOBER.

11	11	10	8	6	5	4	4	3	5·5	4·9	15 7	17	8 50	0	1
10	9	6	5	6	5	3	2	1	3·7	4·0	15 50	12	10 40	1	2
11	11	10	11	10	9	7	5	5	5·8	5·5	16 25	17	3 20	1	3
9	10	9	8	7	6	5	4	4	6·0	5·9	15 58	14	10 35	2	4
14	13	12	9	9	7	6	5	4	7·6	6·5	14 35	21	8 45	2	5
11	10	11	10	9	8	6	4	4	6·6	5·8	14 14	20	0 12	1	6
10	11	11	8	7	6	5	5	5	6·6	6·1	16 58	18	1 4	1	7
10	11	10	10	8	5	3	1	1	5·6	5·3	16 22	19	9 27	0	8
8	8	6	4	4	1	1	3	3	4·7	5·0	15 50	14	20 4	0	9
7	7	6	5	5	5	4	2	2	4·0	4·5	15 59	11	10 25	0	10
6	8	6	6	7	5	3	3	3	4·3	4·2	16 15	10	3 49	0	11
7	7	8	7	6	5	1	0	0	4·1	4·4	17 45	11	21 12	0	12
5	5	6	7	7	7	4	4	4	4·8	4·5	10 55	13	3 20	0	13
10	11	9	10	11	9	8	7	4	7·0	6·2	16 47	17	14 20	1	14
8	10	9	8	9	7	6	7	6	5·8	5·4	16 47	14	1 15	2	15
9	9	10	11	9	8	5	4	2	6·4	5·3	17 22	16	23 30	1	16
9	6	5	5	5	5	5	1	2	5·3	4·9	14 32	14	22 2	0	17
12	14	14	12	8	5	2	3	5	6·4	5·8	16 52	20	22 5	1	18
19	19	20	18	18	13	10	10	7	9·6	7·9	17 56	31	12 11	2	19
14	16	15	6	4	8	3	3	3	6·8	6·0	16 40	26	13 50	2	20
6	11	11	8	6	5	6	5	4	5·7	5·4	16 20	19	12 15	1	21
11	10	8	4	4	5	6	18	15	6·1	5·9	22 20	23	1 5	2	22
10	6	11	11	5	8	5	4	5	9·1	8·9	14 50	28	12 13	2	22
10	8	7	10	9	6	5	4	3	5·2	5·0	15 45	14	3 30	1	24
6	5	5	3	1	1	1	1	2	3·5	3·4	14 35	11	11 45	0	25
7	7	4	4	4	4	5	4	4	4·5	3·8	15 40	11	12 50	1	26
7	7	7	6	4	3	3	3	3	5·5	4·7	0 50	15	12 22	1	27
10	10	12	12	6	7	5	3	3	5·4	5·0	17 58	39	17 50	1	28
16	15	24	6	7	4	3	3	4	7·3	6·6	17 7	41	0 40	1	29
11	11	9	6	5	5	3	3	3	5·7	5·1	16 10	17	11 12	2	30
10	11	10	8	8	7	7	5	4	6·1	5·8	17 13	17	10 55	1	31
9·8	9·9	9·7	7·9	6·9	5·9	4·5	4·2	3·8	5·8	5·4					Mean.

WIND VELOCITY, 1935.

(Averages for sixty minutes from full hour to full hour of local mean time.)

(IN MILES PER HOUR.)

NOVEMBER.

Date.	Hours (B. M. T.)														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	3	4	4	4	4	5	4	4	7	7	8	10	11	12	13
2	3	4	3	4	4	5	5	5	4	5	5	2	4	5	5
3	1	2	5	3	2	3	5	5	5	3	3	4	4	4	5
4	4	4	3	4	4	5	4	4	4	4	4	3	5	9	9
5	4	4	4	4	4	4	5	5	6	6	5	4	7	9	10
6	4	4	4	2	3	4	4	4	4	3	5	7	7	7	8
7	5	5	5	5	5	5	5	5	3	4	5	8	10	12	12
8	4	3	4	4	4	5	7	5	5	7	6	4	3	4	6
9	3	6	3	5	6	8	8	8	8	7	7	5	4	4	5
10	5	5	7	3	10	9	9	9	9	9	9	8	6	3	5
11	4	3	3	3	5	5	5	8	8	8	5	5	4	5	6
12	4	3	5	5	5	7	8	7	7	7	7	6	4	6	8
13	4	4	4	5	5	5	4	5	5	5	5	4	4	5	7
14	2	4	3	3	3	4	6	9	9	7	5	4	5	5	7
15	3	4	6	8	8	8	8	8	7	8	6	4	6	5	8
16	2	3	3	3	8	7	8	9	10	11	10	8	6	5	4
17	4	6	7	7	7	8	10	11	9	11	9	8	7	4	5
18	4	5	7	7	9	9	10	11	10	7	8	7	7	5	4
19	4	5	7	8	8	8	10	11	10	9	7	6	5	6	4
20	4	5	5	5	5	6	8	8	9	9	8	6	5	4	4
21	4	4	4	4	5	8	9	10	10	9	7	6	6	3	4
22	3	3	4	4	5	5	6	6	5	5	4	3	3	3	4
23	4	4	4	4	5	6	6	7	7	7	6	4	3	3	5
24	4	4	5	7	5	5	5	7	5	4	3	3	3	3	4
25	3	3	4	5	5	5	5	5	5	5	5	4	3	4	7
26	3	3	5	4	4	5	5	8	9	7	5	4	3	3	3
27	1	2	2	5	5	5	6	7	9	8	5	4	3	3	5
28	3	3	5	5	5	5	5	5	5	5	4	4	4	4	4
29	4	4	4	4	4	5	5	5	5	5	5	3	4	6	9
30	4	4	4	4	5	5	5	4	4	4	3	2	3	4	5
Mean . .	3·5	3·9	4·4	4·8	5·2	5·8	6·3	6·8	6·8	6·5	5·8	5·0	5·0	5·2	6·1

DECEMBER.

1	3	1	3	3	3	5	6	5	4	4	3	3	5	7	7
2	4	4	4	4	4	4	5	5	5	5	5	3	5	7	8
3	4	4	4	5	5	5	5	4	5	5	5	4	4	5	6
4	3	2	5	5	6	8	8	9	8	6	6	5	3	4	6
5	3	5	5	5	4	5	6	5	5	4	4	5	5	7	9
6	3	4	4	4	4	5	5	6	6	6	6	4	5	7	7
7	3	3	3	5	6	6	6	7	6	6	6	5	4	7	6
8	2	2	3	5	5	5	5	7	7	7	7	5	5	5	7
9	3	5	5	4	7	5	5	5	5	5	5	4	4	5	5
10	4	4	4	4	2	2	2	2	3	4	4	5	5	5	5
11	5	3	2	4	7	6	8	6	5	5	5	5	4	6	7
12	5	5	5	5	5	5	6	7	6	6	6	6	5	5	6
13	5	5	5	5	5	5	7	8	5	4	4	8	6	8	12
14	4	4	6	6	5	5	6	4	5	5	5	4	3	4	7
15	4	4	4	4	4	4	5	5	5	5	4	5	7	7	7
16	1	2	2	3	4	5	5	7	7	7	5	3	3	4	5
17	3	4	4	3	4	4	4	6	8	7	5	4	3	4	7
18	5	3	2	2	3	4	4	4	5	6	5	5	6	7	6
19	6	8	9	13	12	14	15	16	14	13	10	10	7	5	3
20	4	6	6	7	8	9	10	12	11	10	7	7	5	5	6
21	5	3	3	4	4	4	5	6	6	6	6	6	6	6	6
22	5	5	6	6	8	9	9	8	5	5	4	3	3	3	4
23	4	5	6	6	6	5	5	6	6	5	5	3	3	1	4
24	4	2	2	3	7	6	6	5	8	7	6	5	3	4	5
25	3	5	5	7	8	8	9	9	9	9	6	6	4	4	7
26	4	2	3	6	6	6	6	6	9	8	6	5	4	3	3
27	1	2	7	7	7	4	4	5	6	6	5	4	5	5	6
28	4	3	3	4	4	4	4	3	3	4	6	6	5	5	8
29	2	0	0	1	1	1	1	2	3	3	4	7	9	9	10
30	4	4	4	4	4	5	4	4	3	4	5	4	6	10	10
31	5	5	5	5	5	5	5	5	4	4	8	12	15	16	14
Mean . .	3·7	3·7	4·2	4·8	5·3	5·4	5·8	6·1	6·0	5·8	5·4	5·2	5·1	5·8	6·7

(Averages for sixty minutes from full hour to full hour of local mean time.)

(IN MILES PER HOUR.)

NOVEMBER.

Hours (B. M. T.)									Mean.	Mean by R. Beckley's Anemograph.	Maximum.		Minimum.		Date.
15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24			Time.	Mag.	Time.	Mag.	
											H. M.		H. M.		
14	14	12	11	4	5	4	3	3	7·1	6·4	18 30	26	18 50	0	1
6	7	7	6	6	5	5	5	3	4·7	4·7	15 20	9	2 10	0	2
8	9	7	8	9	7	6	5	4	4·9	4·9	19 25	14	14 6	1	3
9	9	9	9	8	8	7	3	2	5·6	5·5	18 27	14	22 20	1	4
12	13	13	11	11	11	7	5	4	7·0	6·6	15 50	19	11 22	1	5
8	8	8	7	8	7	6	4	5	5·5	5·5	16 45	13	3 40	1	6
16	15	13	12	11	9	7	5	5	7·8	6·7	15 36	21	9 45	2	7
7	10	11	12	11	10	6	4	2	6·0	5·5	18 50	20	23 28	0	8
9	10	11	12	11	10	4	2	5	6·7	6·4	18 57	21	22 17	0	9
8	8	7	7	7	6	5	5	4	7·0	6·4	15 18	13	13 57	3	10
6	6	7	7	5	5	3	1	1	4·9	4·9	7 40	11	21 50	0	11
7	8	8	9	8	8	6	4	3	6·3	5·9	18 50	15	0 20	1	12
7	8	7	8	8	7	5	4	2	5·3	4·8	16 3	12	23 27	1	13
8	11	11	11	10	10	5	5	4	6·3	6·3	17 15	18	0 35	1	14
9	12	11	10	9	10	5	5	5	7·2	6·6	16 12	17	23 58	2	15
5	8	10	9	7	7	6	4	4	6·5	6·0	17 20	14	0 4	2	16
8	8	9	8	6	5	4	4	4	7·0	6·5	8 55	13	13 26	2	17
4	7	7	7	7	7	5	4	4	6·7	6·1	7 20	13	13 10	3	18
6	7	7	9	9	8	6	5	5	7·1	6·7	7 32	13	12 32	3	19
6	7	8	7	7	7	5	5	5	6·2	5·3	16 5	11	22 2	4	20
5	6	8	9	9	6	4	3	3	6·1	5·5	19 30	13	14 30	3	21
6	7	9	9	7	6	5	5	5	5·1	4·7	18 8	14	14 35	2	22
5	5	6	6	6	5	4	4	4	5·0	4·7	9 2	9	12 45	1	23
7	7	7	7	5	3	3	3	3	4·7	4·5	3 5	10	14 0	3	24
8	11	10	9	7	5	3	2	2	5·2	4·9	16 35	16	21 56	1	25
5	7	7	5	4	3	3	4	3	4·7	4·7	8 50	10	14 3	1	26
7	6	7	8	7	5	3	4	5	5·1	5·1	7 0	10	0 30	0	27
4	5	7	8	7	4	4	4	4	4·7	4·6	6 20	9	6 35	2	28
8	9	10	10	9	6	5	4	4	5·7	5·7	18 55	14	11 35	3	29
7	9	7	8	6	6	5	4	4	4·8	4·4	16 30	11	10 55	2	30
7·5	8·6	8·7	8·6	7·6	6·7	4·9	4·0	3·7	5·9	5·5					Mean.

DECEMBER.

7	5	5	5	5	5	5	4	4	4·5	4·3	13 55	9	1 30	1	1
11	10	9	9	8	7	6	5	4	5·9	5·0	16 10	15	12 12	3	2
7	8	9	11	9	6	7	5	4	5·7	5·3	18 25	14	12 5	3	3
7	7	6	6	7	3	2	5	4	5·5	4·9	7 30	10	21 15	0	4
11	9	7	8	5	5	3	1	1	5·5	5·1	15 45	17	22 30	1	5
8	6	6	5	4	4	4	3	3	5·0	4·9	15 55	10	0 30	2	6
6	5	6	5	4	5	5	4	2	5·0	5·0	13 45	11	23 0	1	7
9	9	10	11	9	8	5	4	3	6·0	5·9	18 2	15	13 8	1	8
5	5	6	8	7	6	5	4	4	5·1	4·8	19 25	9	0 55	3	9
5	7	6	5	5	5	5	4	3	4·2	3·7	16 30	7	4 58	0	10
6	6	6	6	5	4	5	5	5	5·3	5·1	14 8	13	2 40	1	11
8	8	9	9	7	5	5	6	5	6·0	5·9	4 20	13	12 0	2	12
14	17	15	13	12	7	6	5	5	7·7	6·7	17 2	25	12 40	3	13
10	10	10	9	8	8	5	4	4	5·9	5·0	17 42	14	12 15	1	14
7	9	10	9	8	6	5	4	1	5·5	5·2	16 37	15	23 35	1	15
6	6	6	6	5	6	4	4	3	4·5	4·8	8 5	10	0 0	1	16
9	10	11	11	11	7	4	4	6	6·0	6·3	18 45	19	12 20	1	17
5	8	8	8	9	10	6	4	4	5·4	5·3	8 28	15	1 38	2	18
5	7	8	9	9	8	8	6	6	9·2	7·1	7 27	20	15 15	3	19
8	9	11	11	11	11	9	6	5	8·1	6·9	18 50	19	0 0	4	20
6	7	7	7	9	10	9	9	7	6·1	5·1	20 25	13	1 30	2	21
5	4	5	5	5	5	5	4	5	5·3	4·2	4 45	10	13 0	3	22
6	7	7	7	9	9	7	8	5	5·6	4·2	8 37	10	1 0	1	23
6	6	9	10	9	7	5	2	2	5·4	4·1	5 56	12	1 50	1	24
8	11	11	12	10	11	10	6	5	7·6	6·0	17 50	17	1 0	3	25
3	5	8	8	7	4	2	6	3	5·1	4·0	8 50	11	0 15	1	26
5	7	7	7	8	4	5	5	4	5·3	4·5	19 25	12	0 15	1	27
8	8	7	7	6	4	4	5	3	4·9	4·9	15 25	13	23 25	1	28
10	9	8	7	5	5	6	5	4	4·7	4·6	14 10	14	0 45	0	29
14	14	12	11	12	11	6	6	5	6·9	6·1	15 28	20	8 30	1	30
14	13	11	9	8	8	8	5	5	8·1	7·1	13 28	22	8 45	2	31
7·7	8·1	8·3	8·2	7·6	6·5	5·6	4·8	4·0	5·8	5·2					Mean.

DIRECTION OF WIND, 1935.

(Averages for sixty minutes from full hour to full hour of local mean time.)

JANUARY.

Date.	Hours (B.M.T.).											
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12
1	ENE	ESE	ESE	NNE	NE	NE	NE	ENE	ENE	ESE	ESE	SE
2	NW	NW	NW	ESE	ESE	E	ENE	ENE	ENE	E	E	NW
3	NNE	NNE	NNE	NE	NE	NE	NE	NE	NE	NNE	NNE	NE
4	NNE	NNE	NNE	NE	NE	NNE	NE	NE	NE	NE	NE	ENE
5	NE	NE	ENE	NE	NNE	N	NNE	NE	ENE	ENE	ENE	ENE
6	NNE	NNE	NNE	NE	NE	NE	NE	ENE	ENE	ENE	NE	ENE
7	N	N	N	NE	ENE	ENE	NE	ENE	NE	ENE	ENE	NE
8	NNE	N	NNE	NNE	NE	ENE	ENE	NE	ENE	ENE	ENE	ENE
9	N	NE	NE	NNE	NNE	ENE	ENE	NNW	N	NNW	NNW	NNW
10	ENE	ESE	ENE	NE	NE	NE	ENE	ENE	ENE	ENE	E	ENE
11	NE	ENE	ENE	NE	ENE	NE	NNE	NE	ENE	ENE	ENE	NW
12	NE	NNW	N	N	N	N	NE	N	N	N	N	NNW
13	NE	NE	NE	NE	NNE	NNE	NNE	N	N	NNW	NNW	NNW
14	E	NE	NE	NE	NE	NE	NE	NE	NNE	NNE	NNE	NNW
15	NNE	NNE	N	N	N	N	NNE	NNE	NNE	NE	N	NNW
16	NNE	NNE	N	N	NNE	NNE	NNE	NE	NNE	N	N	NNW
17	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNW	NNW
18	NNE	NE	ENE	NNE	NE	NE	NE	NE	NE	NE	NNE	NE
19	NE	NE	NE	NE	NE	NE	ENE	NE	NE	NE	NE	ENE
20	E	NE	NE	ESE	NE	NE	NE	ENE	NE	NE	NE	ENE
21	ENE	NE	NE	ENE	NE	ENE	NE	NE	NE	ENE	ENE	ENE
22	NE	NE	ENE	NE	ENE	ENE	ENE	NE	NE	NE	NE	NE
23	ENE	NE	ESE	ESE	ENE	ESE	ESE	ENE	ENE	ENE	ENE	NW
24	ENE	ENE	NE	ESE	ESE	N	N	ENE	ENE	ENE	ENE	NNW
25	NNW	NNW	N	N	N	NNE	NE	NNE	NNE	NNW	NNW	NNW
26	NNE	NNE	N	NE	NE	ENE	NE	NNE	NE	NE	NNW	NW
27	NE	N	N	N	N	NE	NE	E	ENE	ENE	ENE	NW
28	ENE	ESE	ESE	SE	SE	SE	ESE	ESE	ESE	ESE	ESE	SSE
29	SSW	SW	WSW	WSW	WSW	WSW	NW	NW	NNW	NNW	NNW	NNW
30	N	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNW	NNW
31	NNE	NNE	NNE	N	N	N	NNE	NNE	NNE	NE	NE	NW
Mean.	NNE	NNE	NNE	NE	NE	NE	NE	NE	NE	NE	NNE	N

FEBRUARY.

1	NNE	N	N	NNE	NNE	ENE	NE	NNE	NNE	ENE	E	E
2	NE	NE	NE	N	NNE	NE	ENE	ENE	NE	ENE	E	SSE
3	NNW	N	NNE	NNE	NE	NE	E	ENE	ENE	ENE	ENE	ENE
4	NE	N	N	N	N	NNE	NE	NNE	NE	ENE	ENE	NW
5	NE	NNE	ENE	NE	ENE	ENE	ENE	ENE	ENE	ENE	NE	NNW
6	N	N	NE	NNE	NNE	NE	NE	NE	ENE	NE	NE	NW
7	N	N	N	N	N	NNE	NE	NE	NE	ENE	ENE	NNW
8	N	N	N	N	N	NNE	NE	ENE	ENE	ENE	NE	NW
9	NE	NW	NNW	N	N	NE	NNE	NE	ENE	ENE	ENE	ENE
10	NE	NE	SE	SE	SE	ESE	ESE	ESE	ENE	E	ENE	ENE
11	SSE	ESE	SE	NE	SE	SE	ESE	E	ENE	ENE	SE	W
12	WSW	WNW	WNW	NW	SE	ENE	ENE	ESE	ENE	NNW	NNW	NNW
13	N	N	N	N	NE	NE	N	N	N	N	NNW	NNW
14	NNW	NNW	N	NNW	NNW	NNE	NNE	NE	NNW	NNW	NNW	NNW
15	NNW	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNW	NNW	NNW
16	N	NNE	NNE	NNE	NE	NE	NE	NE	NE	NE	NE	NNW
17	NE	NNE	NNE	NNE	N	N	NNE	N	NNE	NNE	N	NNW
18	N	N	N	N	NE	NE	ESE	NE	N	N	NNW	NNW
19	N	N	N	N	NNE	NE	NE	NE	ENE	NNW	NNW	NNW
20	NE	NNE	N	NE	NE	ENE	ENE	ENE	ENE	ENE	ENE	W
21	N	NE	NE	N	NE	NE	E	ENE	ENE	E	E	NW
22	NNW	NNW	N	N	NNE	ENE	NE	ESE	ESE	NNW	NW	NW
23	ESE	ESE	ESE	ESE	ESE	ENE	ENE	ENE	ENE	ENE	NNW	NNW
24	NNW	NNE	NNE	NE	NE	NE	ENE	ENE	ENE	ENE	ENE	WNW
25	WNW	WNW	NW	NW	NW	ENE	ENE	ENE	ENE	ENE	ENE	E
26	NNW	NNW	N	N	N	N	NNE	ENE	ENE	ENE	NW	NW
27	NNW	NNW	NNW	N	N	N	N	NE	ENE	ENE	SE	WNW
28	NNW	NNW	NNW	NNW	N	NNW	NNW	NNW	NNW	NNW	NNW	NW
Mean.	N	N	N	N	NNE	NE	NE	NE	NE	NE	NNE	NNW

(Averages for sixty minutes from full hour to full hour of local mean time.)

JANUARY.

Hours (B. M. T.)												Mean.	Date.
12—13	13—14	14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24		
WNW	WNW	WNW	NW	NW	NW	NW	NW	NW	NW	WNW	WNW	NNW	1
NW	NW	NW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	NNW	2
NE	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	N	NNE	3
ENE	WNW	NW	NW	NW	NW	NNW	NNW	N	N	N	N	N	4
WNW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNE	NNE	N	5
NW	NW	NW	NW	NNW	NNW	NNW	NNW	N	N	NNW	NNE	N	6
NE	NE	NW	NW	NNW	NNW	NNW	NNW	NNW	N	N	N	NNE	7
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	N	8
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	NE	N	9
W	WNW	NW	NW	NNW	NNW	NNW	N	N	N	NE	NE	NNE	10
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	NE	N	11
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	12
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NE	NE	NNW	13
NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	NNE	NNE	N	14
NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	NE	NE	N	15
NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	NNE	NNE	N	16
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	17
NNE	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	NNE	NNE	18
ENE	ENE	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNE	ENE	NNE	19
ENE	ESE	SE	NW	NW	WNW	WNW	NNW	NNW	NNW	N	NE	NE	20
ENE	ENE	ENE	NW	NNW	NNW	NNW	NNW	NNW	N	NE	ENE	NE	21
ENE	WNW	NW	NW	NW	NNW	NNW	NNW	NNW	N	NE	ENE	NNE	22
NW	NW	WNW	WNW	NW	WNW	WNW	SE	ESE	ENE	ENE	NE	NNE	23
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	NNE	NNE	ESE	N	24
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	NNW	25
NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	NE	N	26
NW	NW	NW	NW	NNW	NNW	NNW	NNW	N	NNE	NNE	ENE	N	27
SSW	SSW	SSW	SSW	SW	SW	SW	SSW	SSW	S	S	SSW	SSE	28
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NW	29
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	NNE	NNE	N	30
NNW	NNW	NW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	31
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	NNE	N	Mean.

FEBRUARY.

NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	NNE	N	1
WNW	NW	NNW	NW	NNW	NNW	NNW	NNW	NNW	N	NE	N	N	2
NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	ENE	N	3
NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	NNE	NNE	NE	N	4
NW	NW	NW	NW	NNW	NNW	NNW	NNW	N	N	N	N	N	5
NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNE	N	N	N	6
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	NNE	NNW	N	7
NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	NE	N	8
ENE	NW	NW	NNW	NNW	N	NNW	NW	NNW	N	N	NNE	N	9
WNW	NW	NW	NW	NW	NW	NW	NW	WSW	NW	SSE	SSE	N	10
W	WNW	W	W	W	WNW	WNW	WNW	SW	SW	SW	SSE	WSW	11
NNW	NW	NW	NW	NW	W	NW	NW	NW	NNW	NNW	N	NW	12
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	13
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	14
NNW	NNW	NNW	NNW	WNW	NNW	NNW	NNW	NNW	N	N	N	NNW	15
NNW	NNW	NNW	NNW	NW	NNW	NNW	NNW	N	N	N	NNE	N	16
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	NNW	17
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	NNW	18
NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	N	NNW	19
WSW	W	WNW	WNW	NW	NNW	NNW	NNW	NNW	N	NNE	NE	N	20
NW	WNW	WNW	WNW	WNW	NW	NNW	NNW	N	N	NW	NW	NNW	21
NW	NW	NW	NW	NW	NW	NW	NW	NW	NNW	NE	ESE	NNW	22
NNW	NNW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NW	NW	N	23
NW	NW	NW	NW	NW	NW	NW	NW	NW	WNW	WSW	WSW	NNW	24
WNW	WNW	WNW	WNW	NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	25
NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNE	NE	NNW	26
WNW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N NW	NNW	NNW	27
NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	WSW	NW	28
NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	NNW	Mean.

DIRECTION OF WIND, 1935.

(Averages for sixty minutes from full hour to full hour of local mean time.)

MARCH.

Date.	Hours (B.M.T.).											
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12
1	SSW	SSE	SE	SE	SSW	SSW	NE	ENE	ENE	ESE	SE	WNW
2	WNW	NW	NNW	NNW	NNE	ENE	E	ENE	ENE	N	NNW	NNW
3	N	NNE	NNE	NNE	NNE	NNE	NNE	NE	NE	ENE	NW	NW
4	NNW	NNW	N	N	N	N	N	N	N	NNW	NNW	NNW
5	NE	NE	NNE	NNE	NE	NE	NE	NE	ENE	ENE	NNE	NNE
6	NNE	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	ENE
7	NE	NE	NE	N	N	N	NE	ENE	ENE	ENE	NE	NNW
8	N	NNW	E	ENE	NE	ENE	ENE	ENE	ENE	NE	NE	NE
9	E	ESE	E	ENE	SE	ENE	ENE	ENE	NE	NE	NE	ENE
10	ENE	ENE	ENE	ENE	NE	NE	NE	ENE	NE	NE	NE	NE
11	NNW	NE	ENE	ENE	ENE	NE	NE	NE	NE	NE	ESE	W
12	N	NE	SE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	NE	SE
13	NE	ESE	NE	ESE	ENE	NE	NE	ENE	ENE	ENE	NE	WNW
14	SE	ESE	SE	NE	NE	ENE	ENE	ESE	ESE	SE	SSW	SW
15	SSW	WNW	WNW	SW	WNW	ESE	ESE	NW	ENE	ENE	SE	WNW
16	NNW	N	N	N	NNE	NNE	NE	NE	NE	ENE	NNW	NNW
17	NNW	NNW	N	NNW	N	N	NNE	NNE	E	SE	WNW	WNW
18	W	WNW	WNW	NNW	NE	SE	SE	SSE	S	SSW	SSW	SW
19	W	E	ENE	ENE	E	SE	ESE	S	S	SW	SW	WSW
20	SE	SE	SE	SE	ESE	ENE	ENE	E	E	SSE	WNW	WNW
21	NW	NW	NNW	NE	NE	NE	NNE	ENE	ENE	NNW	NW	NW
22	NNW	NNW	NNW	NNW	NNE	NNE	ENE	ENE	ENE	ENE	WNW	WNW
23	N	NNE	NNE	NNE	NNE	ENE	Calm	N	NNW	NNW	NNW	NW
24	NE	NNE	NNE	NNE	NNE	N	N	NNW	NNW	NNW	NNW	NW
25	NNW	NNW	NNE	NNE	NE	NE	NE	NNE	ENE	NNW	NW	NW
26	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NE	ENE	NNW	NNW
27	NNW	NNW	N	NE	N	NNW	NE	ENE	ENE	ENE	NNW	NNW
28	NNW	NNW	NNW	NNW	NNE	NNE	NNE	NNE	NE	ENE	NNW	NW
29	NNW	NNW	NNW	NNW	NNE	NE	NNE	NNE	E	ESE	S	W
30	N	NE	NNE	NE	NE	NE	NE	NNE	NNE	N	NNW	NNW
31	NNW	NNW	N	N	N	N	N	N	N	NNW	NNW	NNW
Mean.	NNW	N	N	NNE	NNE	NE	NE	NE	NE	NE	NNW	NW

APRIL.

1	NNW	N	N	N	N	N	NNE	N	N	NNW	NW	NW
2	NNW	NNW	E	E	ESE	SE	SSW	SSW	SSW	WSW	WSW	W
3	NW	NNW	NNW	SE	SE	SSE	ESE	ESE	SSE	SSW	SSW	SSW
4	NNW	NNW	NW	NNW	NNW	N	N	NE	ENE	ENE	W	WNW
5	NNE	NE	NNE	NNE	NE	NE	NE	SE	ESE	SE	SSE	W
6	NNW	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNW	NNW	NNW
7	NNW	NNW	NNW	NNW	N	N	N	N	N	NNW	NNW	NNW
8	NNW	NNW	NNW	NNE	NNE	NNE	NNE	NNE	NNW	NNW	NNW	NNW
9	NNW	NNW	NNW	NNW	NNW	NNE	NNE	NNE	NE	NNW	NNW	NNW
10	NW	NW	NNW	NNW	NNW	NNE	NNE	NE	ENE	NNW	NNW	NNW
11	NW	NW	NW	NW	NW	NNW	NNW	N	N	ENE	NW	NW
12	NNW	NNW	NNW	NNW	NNE	NE	ENE	ENE	ENE	ENE	ENE	ESE
13	NNW	NNW	NNW	N	NE	ESE	ENE	ENE	SE	SSE	WSW	W
14	WNW	WNW	NW	NW	NW	NW	NW	NW	NW	WNW	NW	WNW
15	WNW	NW	WNW	NW	W	WNW	WNW	WSW	WSW	WSW	W	W
16	N	NNW	NE	NE	NNE	NNE	NNE	NNW	NNW	NNW	NNW	NNW
17	NNW	NNW	NNW	NNW	NNW	N	N	N	N	N	NNW	NNW
18	NNW	NNW	NNW	NNW	N	NNE	NNE	NE	NNE	NNE	NNW	NW
19	NNW	NNW	NNW	NNW	N	N	NNE	NNW	NNW	NNW	NW	NW
20	NW	NW	NNW	NNW	NNW	NE	NNE	N	WNW	WNW	WNW	W
21	W	SW	SE	ESE	SE	SE	ESE	SE	SE	SSE	SW	SW
22	SSW	SSW	SE	ESE	SE	SE	SE	SE	SE	WSW	WSW	W
23	WSW	W	SW	WNW	NW	WNW	NNW	NW	SE	SE	W	WNW
24	WSW	SW	WSW	WSW	WSW	SW	SSE	SSE	S	SSW	SW	W
25	SW	WSW	WSW	WSW	SSE	SSE	SE	SE	SSE	WSW	WSW	WSW
26	SSE	SSW	SW	SW	SW	SW	SSW	SSW	SSW	WSW	W	W
27	NNW	N	NE	ENE	NE	NNE	NNE	W	SW	W	W	W
28	NNW	NNW	N	NE	NE	ENE	NE	SE	SSE	SSW	W	W
29	NNW	NNE	NNE	NNE	NNE	NNE	NNE	N	NNW	NNW	NW	NW
30	NNW	NNW	NNE	NE	NE	NNE	NE	NNE	NW	NW	NW	WNW
Mean.	NW	NNW	NNW	N	N	NNE	NE	NE	NNE	NW	NW	NW

(Averages for sixty minutes from full hour to full hour of local mean time.)

MARCH.

Hours. (B. M. T.)												Mean.	Date.
12—13	13—14	14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24		
NW	NNW	NW	NW	NW	NW	NW	NW	WNW	WNW	W	WNW	NW	1
NNW	NNW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNE	NNE	NNW	2
NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	N	NNE	NNE	NNW	NNW	3
NW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	NE	NE	NNW	4
NE	NNW	NNW	NNW	NNW	NNW	NNW	N	N	NNE	NNE	NE	N	5
NNW	NW	NW	NNW	NNW	N	N	NNW	NNW	N	NNE	N	N	6
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	7
NE	NE	NW	NNW	NNW	NNW	NNW	NNW	NNW	N	NE	E	NNE	8
ENE	NE	NE	WNW	NW	NNW	NNW	NNW	NNW	NE	ESE	NE	NNE	9
ENE	ENE	WNW	WNW	NW	NNW	NNW	NNW	NNW	NNW	NNE	NNE	NNE	10
WNW	WNW	WNW	NW	NW	NNW	NNW	NNW	N	N	NNE	NNE	N	11
NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNE	N	N	N	12
WNW	WNW	NW	NW	NW	NNW	NNW	NNW	NNW	ENE	NE	SE	N	13
SW	SW	WSW	W	W	WNW	WNW	WNW	SE	SSE	SSE	SW	SSW	14
WNW	WNW	NW	NW	NW	NNW	NNW	NNW	NNE	W	NNW	NNW	NW	15
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	NNW	NNW	NNW	16
NW	NW	NW	NW	WNW	WNW	WNW	WNW	SSW	SSE	SW	WSW	NW	17
SW	SW	SW	SW	WSW	WSW	WSW	WSW	SW	W	S	S	SW	18
WSW	W	W	WNW	WNW	NW	NW	NW	NNW	NNW	NNE	WNW	W	19
WNW	WNW	W	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NW	WNW	20
NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	21
WNW	WNW	NW	NW	NW	NNW	NNW	NNW	N	NNW	NNW	NNW	NNW	22
NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	NE	NNW	23
NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NNW	NNW	NNW	24
NW	WNW	WNW	WNW	NW	NW	NW	NW	NW	NNW	NNW	N	NW	25
NNW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	26
NNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NNW	NNW	27
NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	28
W	WNW	WNW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	29
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	30
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	31
NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	N	NNW	NNW	Mean.

APRIL.

NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	1
W	WSW	W	W	WNW	NW	NW	NW	NNW	N	Calm	Calm	W	2
SW	SW	WSW	W	W	WNW	WNW	WNW	NW	NNW	NNW	NNW	SW	3
WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NW	NW	NNW	NNW	NW	4
WNW	WNW	WNW	WNW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NW	5
NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	6
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	7
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NW	NW	NNW	NNW	NNW	NNW	8
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NW	NW	NW	NW	NNW	9
NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	10
NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NNW	NNW	NW	11
WNW	WNW	WNW	WNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	12
WNW	W	W	W	W	W	W	W	W	WNW	WNW	WNW	W	13
NW	NW	WNW	WNW	WNW	WNW	WNW	WNW	W	W	WNW	WNW	WNW	14
W	WNW	WNW	WNW	NW	NW	NW	WNW	W	W	WNW	WNW	WNW	15
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NW	NNW	NNW	16
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	17
NW	NW	NW	NW	NW	NW	NW	NNW	NW	NW	NNW	NNW	NNW	18
NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	19
WNW	WNW	W	W	W	W	W	WSW	WSW	W	W	W	WNW	20
SW	WSW	SW	SW	SW	SW	SW	SW	SSW	SSW	SSW	SSW	S	21
WNW	WNW	WNW	WNW	NW	NW	NW	NW	WSW	SW	SSW	SW	WSW	22
WNW	WNW	WNW	WNW	WNW	WNW	W	SW	SW	SSW	SSW	SW	W	23
W	W	W	W	W	WSW	WSW	SW	SW	SSW	SSW	WSW	WSW	24
WSW	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	WNW	WNW	W	25
WNW	WNW	WNW	WNW	NW	NW	NW	NW	NW	NNW	NNW	NNW	WNW	26
WNW	WNW	WNW	WNW	NW	NW	NW	NW	NW	NNW	NNW	NNW	NW	27
WNW	WNW	WNW	WNW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NW	28
NW	NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NW	29
NW	NW	NW	NW	NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	30
NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	Mean.

DIRECTION OF WIND, 1935.

(Averages for sixty minutes from full hour to full hour of local mean time.)

MAY.

Date.	Hours (B. M. T.).											
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12
1	NNE	NNE	NNE	NNE	NE	NNE	NNE	ENE	ENE	NW	NNW	N NW
2	NNW	NNW	N	NNE	NNE	NNE	NNE	NNE	NNW	NNW	NW	WNW
3	NNW	NNW	NNW	NNW	NNW	NE	NE	SSE	SW	SSW	SW	SW
4	WNW	NW	NW	N	NNE	NNE	NNW	NW	SSE	S	WSW	WSW
5	WNW	WN	NW	NNW	N	NE	ENE	ENE	ENE	SE	WNW	WNW
6	NNW	NNW	N	N	NE	ESE	ESE	ESE	SE	W	W	W
7	SSW	SS W	S	SSW	SSW	S	SSE	SSE	SSE	SSW	WSW	W
8	SSW	SSW	SSW	SSW	SSW	S	S	S	SSW	SSW	SW	SW
9	NNW	NNW	NNW	NNW	NNW	WSW	WSW	SW	SW	WSW	WSW	WNW
10	NNW	N	NE	NE	NNE	NNE	NNE	ENE	NNW	NNW	NW	NW
11	NNW	NNW	N	NNE	NE	NE	NE	N	ENE	NNW	NW	WNW
12	NNW	NNW	NNW	NNE	NNE	N	N	NNE	NW	NW	NW	WNW
13	NNW	N	NE	NE	NE	NE	NE	NNE	SE	NW	NNW	NW
14	NW	NW	NW	NW	NW	NW	NNW	SE	SE	SSE	W	WNW
15	W	WNW	NW	NW	NNW	NE	SE	SE	SE	SSW	W	W
16	NNW	NNW	NNW	NW	WNW	WNW	WNW	WSW	WSW	SW	WSW	WSW
17	NNW	Calm	WNW	SSW	SW	SW	SW	SW	SW	W	WNW	WNW
18	NNW	NNW	NNW	NW	NW	WSW	WNW	WNW	WNW	WNW	WNW	WNW
19	NW	NW	NNW	NNW	NNW	NW	NNW	NW	NNW	NW	NW	WNW
20	WNW	NW	NW	NW	NW	NW	NW	WNW	NW	NW	NW	NW
21	WNW	W	W	W	WNW	WNW	WNW	WNW	WNW	WNW	W	WNW
22	NW	NNW	NNW	NNW	NNW	NNW	NNW	NW	NW	WNW	NW	WNW
23	NW	NW	NNW	NW	NW	NW	NW	NW	NW	NW	NW	WNW
24	NNW	NW	NNW	NW	NW	NNW	NNW	NNW	NNW	NW	NW	NW
25	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	W
26	W	WSW	NW	NNW	NW	NW	W NW	NW	NW	NW	WNW	WNW
27	WSW	W	W	WSW	WSW	WSW	WSW	W	W	W	WNW	WNW
28	W	W	WSW	WSW	W	W	W	W	WNW	W	W	W
29	W	WSW	W	WSW	WNW	W	WNW	W	W NW	WNW	WNW	WNW
30	WNW	WNW	WNW	NW	NW	NW	NW	NW	WNW	NW	WNW	NW
31	WNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Mean.	NW	NW	NW	NW	NW	NW	NW	WNW	WNW	WNW	WNW	WNW

JUNE.

1	WSW	W	W	W	W	WNW	WNW	W	W	W	WNW	WNW
2	W	WSW	W	WNW	WNW	WSW	WSW	WSW	W	WSW	WSW	W
3	SW	WSW	WSW	WSW	W	W	WSW	WNW	WNW	WNW	W	W
4	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	W	WNW	W	W
5	SW	SW	WSW	WSW	WSW	WSW	W	W	WNW	WNW	W	W
6	WNW	WNW	NW	WSW	NW	NW	NE	ESE	SSE	SW	WSW	W
7	SW	SE	SE	ENE	NE	ESE	E	SE	SSE	S	SW	SW
8	SE	SE	SW	SW	SW	SSW	SSW	NE	NE	ENE	SE	WSW
9	WSW	WSW	SW	W	W	W	W	WNW	W	WNW	WSW	W
10	W	WSW	WSW	WSW	W	W	W	WNW	WNW	NW	WNW	WNW
11	W	WNW	WNW	NW	NW	WNW	NW	NW	NW	NW	WNW	WNW
12	WSW	WSW	W	W	W	WSW	SE	SE	SE	SSE	S	SW
13	WSW	WSW	WSW	SW	SE	SSE	SSE	SE	SSE	SSW	SSW	SSW
14	WSW	SE	SE	SSE	SSE	SSE	SE	SE	SSE	S	SSW	SSW
15	SW	SW	WSW	SSE	SSE	ENE	SE	SSE	SSE	S	SW	SW
16	SSW	SE	SE	SSE	SSE	ESE	SE	SE	SSE	SE	S	WSW
17	N	NNE	ENE	NNE	NE	NE	ENE	ESE	SE	SE	SE	Calm
18	SSE	SSE	WNW	WNW	NW	WNW	WNW	WNW	WNW	WNW	WNW	WNW
19	WNW	WNW	WNW	S	SE	ENE	SE	ESE	ESE	SSE	SSE	SSE
20	SSW	SSE	SSW	S	SSW	SE	SE	SE	SE	SE	S	SSW
21	SSW	S	SSW	S	SSW	SSW	S	SSW	S	SSE	S	S
22	SW	SW	SW	SW	SW	WSW	WSW	WSW	SW	SW	SSW	SW
23	ESE	ESE	SE	S	NNW	ESE	ESE	SE	SE	SSE	N	N
24	W	W	WSW	WSW	WSW	W	W	E	ENE	NE	NE	ENE
25	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NNE	N	ENE	SW
26	NNW	NNW	SSE	SE	SSE	SSE	SSE	S	SSE	SSE	SSW	SSW
27	ESE	SE	SE	SSE	SSE	SSE	SSE	SSE	S	S	SSW	SW
28	SSE	SE	SE	SSE	SSE	SSE	SSE	SSE	S	S	SSW	SSW
29	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW
30	SW	SSW	SSW	SSW	SW	SW	SW	SW	WSW	WNW	NW	NNW
Mean.	WSW	SW	SW	SW	SW	SW	SSW	SSW	SSW	SW	SW	WSW

(Averages for sixty minutes from full hour to full hour of local mean time.)

MAY.

Hours (B. M. T.).												Mean.	Date.
12—13	13—14	14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24		
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	1
WNW	WNW	NW	NW	NW	WNW	WNW	NW	NW	NW	NW	NNW	NW	2
WSW	WSW	WSW	W	W	W	W	W	WSW	WSW	W	WNW	WSW	3
WNW	W	W	W	W	W	W	WSW	SW	WSW	W	W	W	4
NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	5
W	WNW	NW	NW	NW	NW	SW	SW	SW	SW	SW	SSW	WNW	6
WNW	WNW	WNW	NW	NW	NW	SW	WSW	WSW	SW	SW	SSW	WSW	7
WSW	WSW	W	W	WNW	WNW	NW	NNW	NNW	NNW	NNW	NNW	SW	8
WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NW	NNW	NNW	NNW	NW	9
WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NW	NNW	NW	10
WNW	WNW		NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	11
WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	NNW	NW	NNW	NW	12
NW	NW	NW	NW	NW	NW	NW	WNW	NW	NW	NW	NW	NNW	13
NW	NW	NW	NW	NW	NW	NW	NW	NW	WNW	W	W	NW	14
W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	NNW	NNW	WNW	15
WSW	W	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	NNW	NNW	WNW	16
WNW	WNW	WNW	NW	NW	NW	NW	NW	NW	NW	NW	NNW	WNW	17
W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	WNW	18
WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NW	WNW	WNW	NW	19
NW	WNW	WNW	WNW	WNW	WNW	WNW	W	W	W	W	W	WNW	20
W	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	WNW	21
WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	WNW	22
WNW	WNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	23
NW	NW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	24
W	WNW	W	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	25
WNW	WNW	W	W	W	WNW	W	W	W	W	WSW	WSW	WNW	26
NW	NW	NW	NW	NW	WNW	WNW	WNW	WNW	WNW	W	WSW	WNW	27
WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	W	WNW	28
WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	WNW	NW	NW	WNW	29
NW	NW	NW	NW	NW	NW	NW	NW	WNW	WNW	WNW	WNW	NW	30
NW	WNW	WNW	WNW	WNW	WNW	W	W	WSW	WSW	WSW	W	WNW	31
WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	Mean

JUNE.

WNW	WNW	WNW	WNW	WNW	W	WSW	WSW	WSW	WSW	WSW	W	W	1
W	W	W	W	WSW	WSW	SW	SW	SW	SW	SW	WSW	WSW	2
WNW	WNW	WNW	WNW	W	W	WSW	WSW	WSW	WSW	WSW	WSW	W	3
W	W	W	WNW	W	WSW	WSW	WSW	SW	WNW	WSW	WSW	W	4
WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	WSW	W	W	5
WNW	WNW	NW	NW	WNW	WNW	WNW	WNW	WNW	WNW	W	WSW	WNW	6
SW	SW	WSW	WSW	SW	SW	SW	SSW	SW	SSW	SSW	S	SSW	7
W	W	W	WNW	WNW	WNW	W	WSW	WSW	W	WSW	WSW	W	8
WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	W	W	W	WSW	9
WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	WNW	10
WNW	WNW	WNW	WNW	WNW	W	W	W	W	W	WSW	WSW	WNW	11
W	W	W	W	W	W	WSW	WSW	WSW	WSW	WSW	WSW	WSW	12
SSW	SW	SW	SW	SW	SW	SSW	S	S	SSW	SW	WSW	SSW	13
SSW	SSW	SSW	SW	SSW	SW	SW	SSW	SW	SW	SW	SW	SSW	14
SSW	SSW	SSW	SSW	SW	SW	SW	SW	SSW	SW	SSW	SSW	SSW	15
W	WSW	WSW	SW	SW	WSW	WSW	SSW	ESE	ESE	NE	ENE	S	16
WNW	WNW	WNW	NNE	NNE	NNE	NE	ENE	E	ESE	ESE	S	NE	17
W	NW	NW	WNW	WNW	WNW	WSW	W	WNW	WNW	WNW	W	WNW	18
SSE	SSE	SSW	SW	W	WNW	WNW	NNW	NE	NE	Calm	Calm	S	19
SSW	SW	W	WNW	W	WSW	SW	SW	SSW	SSW	SW	SW	SSW	20
SSW	SSW	SSW	SSW	SSW	SW	SW	WSW	WSW	SW	WSW	WSW	SSW	21
SW	WSW	WSW	SW	W	WNW	SW	WSW	NNE	NNE	ENE	SE	SW	22
NNE	ENE	S	SSW	SSE	SSE	W	W	W	W	WSW	W	SW	23
ESE	WSW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	W	W	W	24
SW	SW	WSW	WNW	WNW	SW	S	SSW	SSW	SSW	SSW	SW	W	25
WSW	WSW	WSW	NNW	NNW	NNW	NNW	NNW	NE	ENE	ENE	SE	SSW	26
SW	W	WSW	SSW	SSE	SSW	SSW	SSW	S	S	SSE	SE	S	27
SW	SSW	SSW	SW	W	WNW	WNW	WNW	WNW	WSW	WSW	WSW	SSW	28
WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	SW	SW	SW	SSW	WSW	29
WSW	SSW	SSW	SSW	SSW	SSW	SSW	S	SSW	SSE	SSE	SSW	SSW	30
WSW	WSW	WSW	WSW	W	W	WSW	WSW	WSW	SW	SW	SW	WSW	Mean.

DIRECTION OF WIND, 1935.

(Averages for sixty minutes from full hour to full hour of local mean time.)

JULY.

Date.	Hours (B.M.T.)											
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12
1	SSE	SSE	SSW	SSW	SSE	S	SSW	SSW	SSE	S	SSW	NW
2	SSE	SSE	SSE	SSE	S	SSE	SSE	SSW	SSW	SSE	SSW	SSW
3	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSW	SSW	SSW
4	W	W	NNW	NNW	NNW	NW	NNW	NE	ENE	SE	SE	NW
5	W	W	W	W	W	SW	SW	WSW	WSW	WSW	WSW	SW
6	SW	SW	SSW	WSW	SW	SW	SW	SW	WSW	WSW	WSW	SW
7	WSW	WSW	WSW	WSW	W	W	WSW	WSW	WNW	WSW	WSW	WSW
8	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW
9	W	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	W	W
10	W	W	W	W	W	WSW	WSW	WSW	WSW	WSW	WSW	WSW
11	WSW	WSW	W	WSW	W	W	W	W	W	W	W	W
12	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW
13	W	W	W	WSW	WSW	WSW	WSW	WSW	W	W	W	W
14	WSW	W	W	W	W	W	W	W	WNW	WNW	W	W
15	W	W	WSW	W	W	W	W	WSW	WSW	WSW	WSW	WSW
16	WSW	WSW	W	W	W	W	WSW	WSW	WSW	WSW	W	WSW
17	WSW	WSW	WSW	WSW	WSW	W	WSW	WSW	W	W	W	W
18	WSW	W	WNW	W	WNW	WNW	W	WSW	WSW	WSW	WSW	WSW
19	WSW	WSW	WSW	WSW	WSW	SW	WSW	SW	SW	SW	WSW	WSW
20	WSW	WSW	WSW	WSW	WSW	WSW	WNW	WSW	WNW	WNW	WNW	WNW
21	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	W	W	W
22	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW
23	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW
24	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW
25	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	W	W	W
26	W	W	W	W	W	W	W	WNW	W	WSW	W	W
27	W	WSW	WSW	W	WSW	W	WSW	WSW	WSW	WSW	W	W
28	W	W	W	WNW	WNW	WNW	W	W	WNW	WSW	W	WNW
29	W	W	W	W	WNW	WNW	WNW	W	W	W	W	W
30	W	W	W	W	W	W	WSW	WSW	WSW	WSW	WSW	WSW
31	W	W	W	WSW	W	W	W	W	W	W	W	W
Mean.	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW

AUGUST.

1	W	WSW	WSW	WSW	W	WSW	WSW	WSW	WSW	WSW	WSW	WSW
2	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	W	WSW
3	WSW	WSW	WSW	WSW	WSW	WNW	W	W	W	W	W	W
4	WSW	WSW	WSW	WSW	WNW	W	W	W	W	W	W	WSW
5	WSW	WSW	WSW	WSW	W	W	W	W	WNW	WNW	WNW	WNW
6	W	WSW	W	W	W	W	W	W	W	W	W	WNW
7	W	W	WNW	W	W	W	W	WNW	WSW	WSW	W	WSW
8	WSW	W	W	W	W	W	W	W	W	WSW	WSW	WSW
9	W	W	W	W	W	WNW	W	W	W	W	WSW	WSW
10	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW
11	W	W	W	W	W	W	W	W	W	W	WSW	WSW
12	WSW	WSW	WSW	W	WSW	W	W	WSW	WSW	WSW	WSW	WSW
13	SW	SW	SW	WSW	WSW	WSW	WNW	WSW	WSW	WSW	WSW	WSW
14	SW	SW	SW	SW	SW	SW	SW	SW	WSW	WSW	WSW	WSW
15	WSW	WSW	WSW	SW	WSW	W	SW	SW	W	W	W	W
16	WSW	WSW	W	WSW	SW	SW	SW	SW	WSW	W	WSW	WSW
17	SW	SW	SW	SW	WSW	WSW	WSW	WSW	WNW	WSW	WSW	WSW
18	WSW	WSW	WSW	WSW	WSW	WSW	WSW	SW	WSW	WSW	SW	SSW
19	SW	SSW	SSW	W	WNW	NNW	NW	ESE	ESE	SE	SE	SSE
20	WNW	W	WNW	WNW	WNW	WNW	W	W	WSW	WSW	WSW	WSW
21	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW
22	W	W	W	WNW	WNW	WNW	WNW	W	W	W	W	W
23	W	W	W	W	WNW	WNW	WNW	WNW	W	WSW	W	W
24	NNW	NW	NW	NW	NNW	NW	ESE	ENE	NNE	NNE	NE	NNE
25	SE	SE	ESE	Variable.	ESE	ESE	ENE	NE	NE	NNE	NNE	NNE
26	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNE	N	NNW	NNW
27	NW	NW	NW	NNW	NNW	NNW	N	N	NNE	NNE	NNW	NNW
28	NNW	NNW	NNW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW
29	NW	NW	NW	NNW	NW	NW	NW	WNW	NNW	NNW	NNW	NW
30	NNW	NNW	NNW	NNW	NNW	NNW	NE	NNW	NNW	NW	NNW	NW
31	NW	NW	NW	NW	NW	WNW	NNW	NNW	NNW	NW	NW	NW
Mean.	W	W	W	W	W	W	W	W	W	W	W	W

(Averages for sixty minutes from full hour to full hour of local mean time.)

JULY.

Hours (B.M.T.).												Mean.	Date.
12—13	13—14	14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24		
SSW	SW	SSW	SSE	SSE	S	SSE	S	S	S	SSE	SSE	S	1
SW	SSW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	S	S	2
SSW	SSW	SSW	SSW	SSW	SSW	W	WSW	NW	NW	NW	W	SSW	3
NW	S	WSW	WSW	W	W	W	W	SW	SW	SW	SW	W	4
WSW	W	W	SW	SW	SW	WSW	SW	SW	SW	SW	SW	WSW	5
WSW	WSW	WSW	W	WSW	W	W	WSW	SW	WSW	WSW	WSW	WSW	6
SW	WSW	WSW	WSW	SW	SW	SW	WSW	SW	WSW	WSW	WSW	WSW	7
WSW	WSW	WSW	WSW	WSW	W	W	W	WSW	W	W	WSW	WSW	8
W	W	WSW	WSW	WSW	WSW	WSW	WSW	NW	NW	WNW	WNW	W	9
WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	SW	WSW	WSW	WSW	10
W	W	W	W	W	W	WSW	WSW	WSW	WSW	WSW	WSW	W	11
W	WSW	WSW	WSW	WSW	WSW	WSW	WSW	SW	W W	WSW	W	WSW	12
W	W	W	W	W	W	WSW	W	W	W	W	W	W	13
W	W	W	W	W	W	W	W	W	W	W	W	W	14
WSW	WSW	WSW	WSW	WSW	W	W	W	W	WSW	W	WSW	WSW	15
W	WNW	WNW	W	W	W	W	WSW	WSW	WSW	WSW	WSW	W	16
W	WNW	WNW	W	W	WSW	SW	SW	WSW	SW	W	W	W	17
WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	18
WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	19
WNW	W	W	WSW	WSW	WSW	W	WSW	WSW	WSW	WSW	WSW	W	20
W	W	W	W	W	W	WSW	WSW	WSW	WSW	WSW	W	WSW	21
WSW	WSW	WSW	WSW	W	W	W	W	WSW	WSW	WSW	WSW	WSW	22
WSW	WSW	WSW	W	W	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	23
WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	24
W	W	W	W	W	W	W	W	W	W	W	W	W	25
W	W	W	W	W	W	W	W	W	W	W	W	W	26
W	W	W	W	W	W	W	W	W	W	W	W	W	27
WNW	W	W	WNW	WNW	W	W	W	W	W	W	W	W	28
WNW	W	W	WNW	W	W	W	W	WSW	WSW	W	W	W	29
WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	W	W	WSW	30
W	W	W	W	W	W	W	W	W	W	W	W	W	31
W	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	Mean.

AUGUST.

W	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	1
WSW	WSW	WSW	WSW	WSW	WSW	W	WSW	WSW	WSW	WSW	W	WSW	2
W	W	W	W	W	W	WSW	WSW	WSW	WSW	WSW	WSW	W	3
W	W	W	WNW	WNW	W	WNW	W	WNW	W	W	W	W	4
WNW	WNW	WNW	WNW	W	W	W	W	W	W	WSW	WSW	W	5
W	W	W	W	W	W	W	WSW	W	W	W	W	W	6
WSW	WSW	WSW	W	WSW	WSW	W	WSW	W	W	W	W	W	7
W	W	W	W	W	W	W	W	W	W	W	W	W	8
WNW	W	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	W	9
WSW	WSW	WSW	WSW	WSW	W	W	W	W	W	W	W	WSW	10
W	WSW	W	W	W	WSW	WSW	WSW	WSW	WSW	WSW	WSW	W	11
SW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	SW	SW	WSW	12
WSW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	WSW	13
WSW	WSW	WSW	WSW	SW	WSW	WSW	SW	WSW	WSW	SW	SW	WSW	14
W	W	W	W	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	15
WSW	WSW	WSW	W	W	W	WSW	WSW	WSW	WSW	SW	SW	WSW	16
WSW	WNW	WSW	W	W	WSW	WSW	WNW	W	W	WSW	W	WSW	17
WNW	SW	WSW	WSW	WSW	W	WNW	W	WNW	WSW	WSW	WNW	WSW	18
SW	SW	WSW	WSW	W	W	W	W	W	W	W	WNW	WSW	19
W	W	W	W	W	W	WNW	WNW	W	WNW	WNW	WNW	W	20
WNW	W	W	W	W	W	W	W	W	W	W	W	WNW	21
W	W	W	W	W	WSW	WSW	WSW	WSW	WSW	W	W	W	22
W	W	W	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NNW	WNW	23
ESE	SE	NW	NW	NNW	N	N	ENE	ENE	E	SE	SE	N	24
N	N	NNW	NNW	NNW	NNW	NNW	NNW	NW	WNW	NW	NW	N	25
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NW	NNW	NW	NNW	26
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NW	NW	NW	NW	NW	NNW	27
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	28
NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NNW	NNW	NW	29
NW	NW	NW	NW	NW	NNW	NNW	NNW	NW	NW	NW	NW	NNW	30
NW	NW	W	WNW	WNW	NW	NW	NW	WNW	WNW	NW	NW	NW	31
W	W	W	W	W	W	W	W	W	W	W	W	W	Mean.

(Averages for sixty minutes from full hour to full hour of local mean time.)

SEPTEMBER.

Date.	Hours (B.M.T.)											
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12
1	NW	NW	WNW	WNW	WSW	WSW	WNW	NW	NW	NW	NW	WSW
2	WSW	WNW	WNW	WSW	W	W	W	W	WNW	WNW	WSW	W
3	W	W	W	WSW	W	W	WSW	WSW	SW	W	WNW	WNW
4	W	W	WSW	WSW	WSW	W	SSW	W	SSW	SSW	W	SW
5	SW	SW	SW	S	SSE	S	S	SSE	SSW	SSW	W	W
6	WSW	WSW	WSW	WSW	WSW	WSW	W	W	W	W	W	W
7	W	WNW	WNW	WNW	W	WNW	WNW	W	W	W	NW	NW
8	WNW	W	W	WNW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW
9	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NNW	NNW
10	NW	NW	NW	NW	NW	NW	NW	NW	NW	NNW	NW	NW
11	NNW	NW	NNW	NW	NW	NW	NNW	WNW	WNW	NW	NW	WNW
12	NNW	NW	E E	NNW	NNW	NNW	NW	NNE	NNW	W	S	SW
13	S	S	SSE	SE	SE	SSE	SSE	SSE	S	SSW	SSW	SSW
14	WNW	SW	SSW	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW
15	S	SSW	WSW	SSW	SSW	SSW	SSW	SSW	SW	WSW	W SW	WSW
16	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	WNW
17	NW	NW	WNW	NW	NW	NW	NW	NW	WNW	WNW	WNW	WNW
18	WSW	WSW	W	W	W	W	W	W	W	W	W	W
19	WSW	WSW	SW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW
20	SSE	SSW	SE	SSE	SSE	SE	SSE	SSE	SSE	SSW	SSW	WSW
21	SW	SW	S	SW	SW	SSE	SSE	SSE	SSE	S	SSW	SSW
22	SW	SSE	S	SE	SE	SE	SSE	SE	SSE	SSW	SSW	SW
23	WNW	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSW	SW
24	WSW	WSW	SE	SE	SE	SE	SE	SE	ESE	ESE	SE	SSW
25	SW	SE	SSE	SSE	SSE	SE	SE	S	SSW	S	S	WSW
26	SE	SE	SE	SSE	SE	S	SE	SE	SE	SE	SSW	SW
27	NE	NE	NE	NNE	E	ENE	ENE	E	ENE	ENE	E	NW
28	NNE	NE	ENE	NE	NE	NE	ENE	ENE	E	ENE	NNW	NNW
29	NNE	NNE	NNE	NE	NE	NE	NE	ENE	ENE	NNW	NNW	NW
30	NNW	NNW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW
Mean.	W	W	W	W	W	W	W	WSW	WSW	W	W	W

OCTOBER.

1	NNW	NNW	NNW	N	N	N	NE	NE	NNE	NNW	NNW	NNW
2	N	N	NW	NW	NNW	NE	NE	NE	ENE	ESE	WNW	NW
3	NNE	N	N	NE	NE	ENE	ENE	NE	ENE	ENE	N	NNW
4	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	N	NNW	NW	NW
5	NNW	NNW	NNW	N	N	NW	NNW	N	N	N	NNW	NNW
6	NNE	N	NE	NE	NE	NE	NE	NE	N	N	NNW	NNW
7	N	N	N	NNE	NNE	NNE	NNE	NNE	ENE	NNW	NNW	NNW
8	NNE	NNE	NE	NNE	NE	NE	NE	ENE	ENE	ENE	ENE	NW
9	N	NE	NE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	SSW
10	NE	NNE	NE	NE	ENE	N E	ENE	ENE	ENE	ENE	NE	WNW
11	NE	ENE	E	E	NE	NNE	ENE	ENE	ENE	ENE	E	SE
12	E	ENE	ENE	N	NNE	NE	ENE	ENE	ENE	ENE	ENE	ENE
13	Calm	Calm	Calm	NE	NNE	NE	NE	NE	ENE	ENE	NE	NE
14	N	NE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	NE	NE	ENE
15	NE	ENE	ENE	ENE	ENE	ESE	ENE	ENE	ENE	ENE	ENE	WNW
16	NNE	ENE	ENE	NE	NE	NE	ENE	ENE	ENE	ENE	ENE	ENE
17	ESE	ESE	ENE	ENE	ENE	ENE	ENE	NE	ENE	ENE	NW	NW
18	ESE	ENE	ENE	E	ENE	ENE	ENE	ENE	ENE	ENE	ENE	SE
19	NNE	NNE	NNE	NE	NE	NE	NE	ENE	ENE	ENE	ENE	ENE
20	NNE	NE	NE	ENE	NE	NNE	NE	NE	NE	ENE	NE	ENE
21	NNE	NNE	NNE	NE	NE	NE	NNE	NE	NE	ENE	ENE	Variable
22	NE	N	N	NNE	NNE	NE	ENE	ENE	ESE	ENE	NE	NE
23	SSW	SSW	SSW	SSW	SSW	S	SSW	SSE	SE	ESE	SE	SSE
24	E	ESE	ESE	SE	SE	SE	ESE	ESE	ESE	ESE	ESE	SE
25	SSE	SSE	SE	SE	ESE	E	SE	SE	SE	SSE	SSW	SW
26	WNW	ENE	ENE	NE	NE	ENE	E	ESE	ESE	SE	SE	SSW
27	SW	SW	SSE	SSE	SE	SE	SE	SE	SSE	SSW	SW	SW
28	WNW	WNW	WNW	NW	NNW	ESE	ESE	SE	ESE	SE	SSE	W
29	ESE	ENE	ENE	NE	NE	NE	NNE	NNE	NNE	NNW	NNW	NNW
30	NE	NNE	NNE	ENE	SE	ENE	ENE	ENE	NE	ENE	ENE	NNW
31	NNW	NNW	NNW	NNE	NE	NE	NE	ENE	ENE	ENE	NE	NNW
Mean.	NE	NE	NE	NE	NE	ENE	ENE	ENE	ENE	ENE	NNE	N

(Averages for sixty minutes from full hour to full hour of local mean time.)

SEPTEMBER.

Hours (B.M.T.)												Mean.	Date.
12—13	13—14	14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24		
NW	NW	W	W	W	WSW	WSW	W	WNW	WNW	WNW	W	WNW	1
W	SW	SSW	WSW	WNW	NW	WNW	WNW	WNW	W	W	W	W	2
WNW	WNW	WNW	WNW	WNW	NW	WNW	WNW	WNW	WNW	W	W	WNW	3
WNW	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	WSW	WSW	W	4
W	W	WNW	WNW	WNW	W	W	W	W	W	WSW	WSW	WSW	5
WNW	W	W	W	W	W	WNW	WSW	WSW	WSW	W	W	W	6
WNW	WNW	WNW	NW	NW	W	W	WNW	WNW	WNW	WNW	WNW	WNW	7
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NW	NW	NW	8
NNW	NNW	NNW	NNW	NNW	NNW	NW	NW	NW	NW	NW	NW	NW	9
NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NW	NW	10
NW	WNW	NW	NW	NW	NW	NW	NW	NW	NNW	NNW	N	NW	11
NNW	NW	WNW	WNW	SSW	SSW	SSW	SW	SSW	SSW	SSW	SSE	W	12
SSW	SSW	SW	W	W	WSW	WSW	WSW	WSW	W	W	W	SW	13
SSW	SW	SSW	SSW	SW	WSW	WSW	NW	NW	SSE	SSE	S	SSW	14
WSW	WSW	WSW	W	W	WSW	WSW	W	WSW	WSW	WNW	WNW	WSW	15
WNW	WNW	WNW	WNW	NW	NW	NW	NW	NW	NW	NW	NW	WNW	16
WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	W	W	W	W	WNW	17
W	W	W	WNW	W	W	WSW	WSW	WSW	WSW	WSW	WSW	W	18
WSW	WSW	SW	W	W	WSW	W	WSW	SW	WSW	SW	WSW	WSW	19
WSW	WSW	WSW	WSW	WSW	W	W	W	W	WSW	SW	SW	SSW	20
SW	SW	SW	WSW	WSW	WSW	WSW	WSW	SW	SW	SW	SW	SSW	21
WSW	WSW	W	WNW	WNW	WNW	WNW	W	WNW	WNW	W	W	SSW	22
WSW	W	W	W	W	W	W	W	W	W	WSW	WSW	SSW	23
SW	WSW	WSW	WSW	W	W	WSW	WSW	WSW	WSW	SW	SW	SSW	24
SW	SW	SSW	WSW	W	W	WSW	W	WNW	NW	NW	NW	SSW	25
W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NNW	W	26
NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	27
NNW	NNW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	28
NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	29
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	30
WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	Mean.

OCTOBER.

NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	NNW	N	NNW	1
NW	NW	NW	NW	NW	NW	NNW	NNW	NNW	N	NNE	NNE	NNW	2
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	3
NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NNW	4
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	NNE	NNW	5
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	6
NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	NNE	NNW	7
NNW	NNW	NNW	NNW	NNW	N	N	N	N	NE	NNE	N	N	8
NW	NW	NW	NNW	NNW	NNW	NW	NNW	NW	WNW	NW	NW	NNE	9
NW	NW	NW	NW	NW	NW	NNW	NNW	NNW	N	NE	NNE	N	10
SE	NW	NW	NNW	NNW	NNW	NNW	NNW	N	NE	NE	ENE	NNE	11
ENE	NW	NW	NW	NNW	NNW	NNW	NNW	N	N	Calm.	Calm.	NNE	12
NE	ENE	ENE	ENE	N	NNW	NNW	NNW	NNW	NNW	N	N	NNE	13
NE	ENE	NNW	NNW	NNW	NNW	N	N	N	NNE	NNE	NNE	NNE	14
NW	NNW	NW	NW	NNW	NNW	NNW	N	N	NNE	NNE	NE	NNE	15
ENE	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNE	16
NW	NW	NW	NNW	NNW	NNW	NNW	NNW	SE	SE	SSW	ESE	NNE	17
NW	NW	NW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	N	18
NW	NNW	NNW	NNW	NNW	N	N	N	N	N	NNE	NNE	N	19
ENE	ENE	NNW	NNW	NNW	N	NE	NE	ESE	SE	ENE	NE	NNE	20
ENE	ENE	ENE	ENE	N	N	N	NNE	NE	SE	E	ENE	NE	21
ENE	WNW	NNW	NNW	NNW	NNW	NNW	N	NE	SSE	S	SSW	NNE	22
WSW	SW	S	SE	SE	SSW	S	ESE	ESE	ESE	ENE	E	S	23
W	WSW	SW	SW	SW	SW	SW	SSW	SSW	SE	SE	ESE	S	24
WSW	WSW	W	WNW	WNW	WNW	WNW	NW	NNW	NNW	SW	WNW	SW	25
SW	WSW	WSW	WSW	SW	WSW	WSW	WSW	SW	SW	SW	SSW	SSW	26
SW	WSW	WSW	WSW	WSW	W	WNW	W	W	WNW	WNW	W	SW	27
WNW	WNW	WNW	NW	NW	NNW	SE	E	ESE	ESE	NE	NE	NNW	28
NNW	NW	NW	NNW	NNW	ENE	NNE	ENE	ESE	N	N	NE	N	29
NNW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	30
NNW	NNW	NNW	NNW	NW	NNW	NNW	NNW	NNW	N	N	N	N	31
NNW	NW	NW	NNW	NNW	NNW	NNW	NNW	N	NNE	NNE	NNE	N	Mean.

DIRECTION OF WIND, 1935.

(Averages for sixty minutes from full hour to full hour of local mean time.)

NOVEMBER.

Date.	Hours (B. M. T.).											
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12
1	NNE	NNE	NNE	NNE	NNE	N	NE	ENE	N	NNE	NNW	NNW
2	ENE	ESE	NNE	NNE	NE	NE	NNE	NE	ENE	ENE	ENE	WNW
3	ENE	NNE	ESE	ESE	ESE	NNE	NE	NE	ENE	ENE	NE	ENE
4	ENE	NE	NE	NE	NE	ENE	ENE	NE	NE	ENE	ENE	NW
5	NNE	NE	NE	NE	NE	ENE	ENE	ENE	ENE	ENE	E	NW
6	NE	ESE	E	NE	NE	ENE	ENE	ENE	ENE	ENE	NNW	NW
7	NE	NE	NE	NE	NNE	NE	NE	NE	NE	NE	ENE	NNW
8	N	N	N	N	NNE	NNE	NE	NE	NE	NE	NE	NE
9	ENE	NE	NE	NE	NE	ENE	ENE	NE	NE	NE	NE	NE
10	NE	NE	ENE	NE	ENE	NE	ENE	ENE	ENE	NE	NE	NE
11	NE	NE	NE	ENE	NE	NE	ENE	ENE	ENE	ENE	ENE	ENE
12	ESE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	NE	ENE
13	NE	NE	NNE	NNE	NE	NE	NE	ENE	ENE	ENE	ENE	ENE
14	E	ESE	NE	NE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ESE
15	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE
16	NE	NNE	NE	NNE	ENE	ENE	ENE	ENE	ENE	ENE	NE	NE
17	ESE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	E
18	ESE	ENE	ENE	ENE	ENE	ENE	NE	NE	NE	NE	NE	NE
19	ENE	NE	ENE	ENE	ENE	ENE	ENE	ENE	NE	NE	NE	ENE
20	NE	NE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	NE	NE	NE
21	NE	ESE	ESE	ENE	ENE	ENE	ENE	ENE	ENE	NE	NE	NE
22	NE	ENE	ENE	ENE	NE	NE	ENE	NE	NE	NE	NE	NW
23	NE	NE	NE	NE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	NE
24	ENE	ENE	ENE	ENE	NE	NE	ENE	ENE	ENE	ESE	ESE	ENE
25	ENE	ENE	ENE	NE	NE	NE	NE	ENE	ENE	ENE	ENE	ENE
26	NE	ENE	ENE	NE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE
27	ESE	E	NE	NE	NE	NNE	NE	NE	ENE	ENE	ENE	ENE
28	ESE	ESE	ENE	ENE	ENE	NE	ENE	ENE	ENE	ENE	ENE	ENE
29	ESE	ESE	ESE	ESE	ENE	E	ENE	ENE	ENE	E	E	NNW
30	ESE	ESE	ENE	E	ENE	ENE	NE	ENE	ENE	ENE	ESE	SE
Mean	ENE	ENE	ENE	NE	ENE	ENE	ENE	ENE	ENE	ENE	NE	NE

DECEMBER.

1	ESE	ESE	ENE	NE	NE	ENE	E	ENE	ENE	ENE	E	SE
2	SE	ESE	ESE	ESE	NE	NE	NE	ENE	ENE	ENE	ENE	ESE
3	NE	NE	NE	ENE	ENE	NE	ENE	ENE	ENE	ENE	ENE	ENE
4	ESE	ESE	ENE	ENE	ENE	E	ENE	ENE	ENE	ENE	ENE	ENE
5	ESE	ESE	ESE	ENE	ENE	ENE	E	ENE	ENE	ENE	ENE	NW
6	ESE	ENE	NE	NE	ENE	ENE	NE	ENE	ENE	ENE	ENE	ESE
7	NW	NNE	NE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	E
8	NE	NE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE
9	NE	NE	NE	NE	ENE	ENE	NE	ENE	ENE	ENE	ENE	ESE
10	ENE	ENE	ENE	ENE	N	ENE	ENE	E	ESE	SE	SSE	SW
11	SE	SE	SE	NE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE
12	NE	NE	NE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	NE	ENE
13	NNE	NNE	NNE	NNE	NE	NE	ENE	ENE	NE	ENE	NE	NNW
14	NNE	NNE	NNE	NNE	NNE	NE	ENE	ENE	ENE	ENE	ENE	ENE
15	ENE	NE	NNE	NE	NE	NE	ENE	ENE	ENE	NE	ENE	NNW
16	NNE	NE	NE	NNE	NNE	NE	NE	ENE	ENE	ENE	ENE	ENE
17	ENE	ENE	NE	N	NNE	NNE	NE	NE	NE	NE	NE	NE
18	NE	NE	NNE	NNE	NE	NE	NNE	NNE	NNE	NE	ENE	NE
19	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	ENE
20	NE	ENE	ENE	NE	NE	NE	NE	NE	NE	NE	NE	NE
21	NNE	NNE	ENE	NE	NE	NE	NE	ENE	ENE	ENE	NE	NE
22	ENE	ENE	ESE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	SE
23	NE	NE	ENE	ENE	ENE	ENE	NE	NE	NE	NE	NE	NE
24	NE	ENE	ENE	ENE	ENE	NE	NE	NE	NE	NE	NE	NE
25	E	ENE	ENE	ENE	ENE	ENE	ENE	NE	NE	NE	ENE	ENE
26	NE	NE	NNE	NNE	NE	NE	NE	NE	ENE	ENE	ESE	ESE
27	SE	E	SE	SE	SE	ESE	ESE	ENE	ESE	ESE	SE	WSW
28	E	SSE	SSE	SE	ESE	ESE	ENE	ENE	ENE	ENE	NNW	NW
29	ENE	Calm	Calm	ENE	NE	ENE	ENE	ENE	ENE	ENE	NNW	NNW
30	NE	NE	NNE	NNE	NNE	NE	NE	NE	NE	ENE	ENE	E
31	NNE	NE	NNE	NNE	NNE	NNE	NNE	NNE	ENE	NE	N	N
Mean.	ENE	ENE	ENE	NE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	NE

(Averages for sixty minutes from full hour to full hour of local mean time.)

NOVEMBER.

Hours (B. M. T.).													
12—13	13—14	14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Mean.	Date.
NNW	NNW	NNW	NNW	NNW	NNW	SE	SSE	NE	ESE	NE	NE	N	1
NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	2
NE	NE	NNW	NNW	NNW	NNW	NNW	NNW	N	N	NE	ESE	NNE	3
NNW	NNW	NNW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNE	NE	N	4
NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NE	N	5
NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNE	NNE	N	6
NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	N	N	N	7
WNW	WNW	WNW	WNW	NW	NW	NNW	NNW	N	NNE	NNE	N	N	8
ENE	ENE	NE	NW	NW	NNW	NNW	NNW	N	NNE	ENE	E	NNE	9
NE	NE	NW	NW	NNW	NNW	NNW	NNW	N	NNE	NNE	ENE	NNE	10
WNW	NW	NW	NW	NNW	NNW	NNW	N	NNW	NNW	NE	NNE	NNE	11
ENE	NW	NW	NNW	NNW	NNW	NNW	NNW	N	N	N	SE	NNE	12
NW	NW	NW	NNW	NNW	NNW	NNW	NNW	N	N	NNE	NE	N	13
ENE	ENE	NW	NNW	NNW	NNW	NNW	NNW	N	N	NE	NNE	ESE	NNE	14
ENE	ENE	NNW	NNW	NNW	NNW	NNW	N	N	NE	ENE	NE	NE	15
NE	NE	NE	NW	NNW	NNW	NNW	NNW	N	NNE	NE	NE	NNE	16
NE	NE	ENE	NW	NNW	NNW	NNW	NNW	N	N	NNE	ESE	NE	17
NE	NE	NE	NE	NW	NNW	NNW	NNW	N	N	NNE	ESE	NE	18
ENE	ENE	WNW	NW	NW	NNW	NNW	NNW	NNW	NNW	N	N	NNE	19
NE	E	E	WNW	NW	NW	NW	NNW	NNW	N	N	N	NNE	20
NE	NE	WNW	WNW	WNW	NW	NW	NNW	NNW	N	NNE	NE	NNE	21
SE	WNW	WNW	NW	NW	NNW	NNW	NNW	N	NNE	ENE	ENE	NNE	22
ENE	WNW	WNW	WNW	NW	NW	NNW	NNW	N	NNE	ENE	ENE	NNE	23
W	W	WNW	WNW	WNW	NW	NNW	NNW	NNE	NNE	ENE	ENE	NNE	24
ENE	WNW	NW	NW	NNW	NNW	NNW	N	N	NE	ENE	NE	NNE	25
ENE	WNW	WNW	WNW	NW	NW	NW	NNW	N	N	N	N	NNE	26
ENE	ENE	WNW	NW	NNW	NNW	NNW	NNW	N	NE	SE	SE	NNE	27
NW	NW	NW	NW	NW	NNW	N	N	NNE	NNE	NE	SE	NE	28
NW	NNW	NNW	NNW	NNW	NNW	NNW	N	NNE	NE	SE	ESE	NNE	29
NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	N	NE	NE	SE	NNE	30
NNE	NNW	NW	NW	NNW	NNW	NNW	NNW	N	N	NNE	ENE	NNE	Mean.

DECEMBER.

NW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	NNE	NNE	SE	NNE	1
NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	NE	NE	NNE	2
NW	NW	NW	NW	NNW	NNW	NNW	N	N	N	NE	SE	NNE	3
E	WNW	WNW	WNW	NW	NW	NNW	NNW	NNE	N	N	ESE	NE	4
NW	NW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	NE	NNE	5
WNW	WNW	NW	WNW	WNW	WNW	NW	NW	NW	NW	NW	WNW	N	6
E	NNW	NW	NW	NW	NW	NW	NW	NW	NW	NNW	NNE	NNE	7
NNW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNE	NNE	NE	NNE	8
W	WNW	NW	NW	NNW	NNW	NNW	NNW	NW	NNE	NNE	ENE	NNE	9
WSW	WNW	WNW	WNW	WNW	NW	NW	NNW	NW	NW	WSW	ESE	NW	10
ENE	NNW	NNW	NNW	NNW	N	N	N	NNE	N	NNE	NNE	NE	11
NW	NW	NW	NNW	NNW	NNW	NNW	NNW	N	NNE	NNE	NNE	NNE	12
NNW	NNW	NNW	NNW	NNW	N	N	N	NNE	NNE	NNE	NNE	N	13
NW	NW	NW	NNW	NNW	NNW	NNW	N	N	NNE	NE	ESE	NNE	14
NW	NW	NNW	NNW	NNW	NNW	N	N	NNE	NNE	E	ENE	NNE	15
SSE	SW	WSW	WNW	WNW	NW	NW	NNW	N	NNE	NE	NE	NNE	16
W	WNW	WNW	NW	NW	NNW	NNW	N	N	NNE	NE	NE	N	17
NE	NE	NNE	N	N	N	NNE	NNE	NE	NE	NE	NE	NE	18
E	ESE	E	NW	NNW	NNW	N	N	N	N	NNE	ENE	NE	19
NE	NE	NW	NW	NNW	NNW	NNW	NNW	N	N	NNE	N	NNE	20
NW	NW	NW	NW	NW	NNW	N	N	N	N	N	NE	NNE	21
SSE	WNW	WNW	WNW	NW	NW	NNW	N	N	N	NNE	NE	NE	22
NE	NW	WNW	NW	NW	NNW	N	N	N	N	NNE	ENE	NNE	23
ENE	WSW	W	WNW	NW	NNW	N	N	NNW	N	NNE	ESE	NNE	24
ENE	NNW	NNW	NNW	N	N	N	N	N	N	NNE	E	NNE	25
SE	WSW	WNW	WNW	NW	NNW	NNW	N	NE	ENE	SE	SE	NE	26
WNW	WNW	WNW	WNW	NW	NW	NW	NNW	N	N	N	NNE	NNE	27
NW	NW	NW	NW	NNW	NNW	NNW	N	N	N	N	NE	N	28
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	NNW	29
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	NNE	NNE	NNE	N	30
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	31
NNW	NW	NW	NW	NNW	NW	NNW	N	N	N	NNE	NE	NNE	Mean.

(Averages for sixty minutes from full hour to full hour of local mean time.)

JANUARY. (IN DEGREES FAHRENHEIT.)

Date.	Hours (B. M. T.).															
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	72·5	72·1	70·8	70·3	69·5	69·3	69·9	71·0	73·0	73·9	75·2	76·8	78·5	79·1	79·3
2	72·4	72·4	72·4	72·6	72·0	71·5	71·0	72·0	72·4	73·1	75·0	76·0	77·1	77·7	77·7
3	71·0	70·4	69·6	68·9	68·4	67·7	67·8	67·8	70·0	71·7	74·2	76·1	77·8	78·3	77·9
4	66·4	66·2	65·3	65·0	64·6	64·1	64·2	66·2	68·8	70·4	72·6	75·1	78·4	79·2	79·2
5	68·5	67·7	68·0	68·5	66·6	66·4	66·6	66·3	69·2	70·7	73·2	75·7	77·5	78·0	78·1
6	68·7	67·4	67·2	67·0	66·4	65·2	65·7	67·5	70·4	72·2	74·3	76·8	78·3	78·9	78·9
7	69·5	69·0	68·2	68·2	68·9	69·0	68·8	69·5	70·8	72·6	76·0	78·8	82·0	84·4	84·0
8	70·5	69·8	69·2	69·0	68·8	69·0	69·5	70·0	72·0	74·1	76·6	79·0	81·5	80·5	80·4
9	71·6	71·0	70·3	69·9	69·5	70·7	71·0	71·0	73·0	75·3	77·6	78·5	79·1	79·7	79·6
10	71·0	70·7	70·2	69·8	69·7	69·7	70·3	71·4	73·3	75·0	77·1	79·4	82·7	84·5	84·3
11	74·0	74·5	74·0	73·8	73·2	72·9	71·9	72·6	74·7	76·0	78·0	80·0	80·0	80·7	82·0
12	71·8	71·0	72·1	73·0	72·0	71·5	70·4	70·2	73·0	73·0	77·7	78·5	79·0	79·3	78·8
13	70·5	70·0	69·5	69·4	68·8	68·5	68·0	68·2	70·4	71·6	72·6	73·5	74·0	73·5	73·2
14	64·5	63·3	63·4	62·3	62·5	62·8	62·9	63·5	64·8	66·0	68·3	70·7	71·5	71·6	71·5
15	60·5	59·5	57·6	56·9	56·2	55·7	55·5	57·2	60·1	62·6	65·3	67·6	69·4	70·6	70·7
16	59·8	59·5	58·9	57·9	57·0	57·0	56·3	57·4	61·5	64·5	67·0	69·0	71·0	71·4	71·5
17	60·6	60·5	59·6	57·7	56·7	56·1	55·8	56·0	59·2	62·7	66·6	68·8	70·7	71·5	71·5
18	61·4	62·3	63·3	62·3	62·1	62·3	62·5	63·2	65·2	67·7	71·3	74·3	78·2	78·4	76·6
19	70·4	71·0	70·6	70·2	70·0	69·4	69·2	69·9	71·7	74·0	77·3	80·4	82·7	85·0	85·6
20	71·2	71·3	71·3	71·0	71·2	70·7	70·1	71·1	73·0	74·6	76·8	79·1	82·0	84·6	85·6
21	72·2	71·2	70·9	70·7	70·5	70·1	70·0	70·9	73·0	75·2	78·7	81·5	84·0	85·2	87·5
22	72·3	72·5	71·8	71·5	71·0	70·7	70·4	71·0	73·1	75·0	78·1	81·4	84·2	85·6	84·7
23	72·6	72·4	72·1	71·5	71·3	70·9	70·5	71·0	72·5	74·0	76·1	78·9	80·0	80·5	80·0
24	71·9	71·8	71·0	71·4	70·7	69·5	68·4	69·6	71·6	73·0	74·9	77·0	78·0	78·5	78·9
25	72·0	72·3	71·9	70·9	70·0	69·0	68·2	69·0	71·6	74·8	76·5	78·1	78·4	78·8	79·3
26	70·5	69·5	69·0	68·5	68·8	69·0	68·0	68·8	71·2	73·8	75·6	76·5	77·0	77·5	77·6
27	70·1	70·1	70·6	70·1	69·3	68·4	68·0	69·9	71·4	72·5	74·9	77·6	78·1	78·5	78·2
28	71·2	71·4	71·0	70·7	70·5	70·5	70·5	69·5	71·2	72·6	74·7	76·4	77·6	78·4	78·6
29	74·6	74·6	74·5	74·0	73·7	73·7	73·1	73·1	74·5	75·5	76·1	76·5	76·9	76·7	76·5
30	70·6	70·0	69·2	68·8	68·5	68·0	67·5	67·8	69·9	72·5	74·2	75·2	75·4	76·0	75·9
31	68·5	68·1	67·6	67·1	67·0	67·0	67·0	67·0	68·7	70·5	73·3	74·5	76·0	76·2	76·5
Mean . .	69·5	69·1	68·7	68·4	67·9	67·6	67·4	68·1	70·2	72·1	74·4	76·4	78·0	78·7	78·7
Variation .	−2·8	−3·2	−3·6	−3·9	−4·4	−4·7	−4·9	−4·2	−2·1	−0·2	+2·1	+4·1	+5·7	+6·4	+6·4
Mean in °C. .	20·8	20·6	20·4	20·2	19·9	19·8	19·7	20·1	21·2	22·3	23·6	24·7	25·6	25·9	25·9
Variation in °C..	−1·6	−1·8	−2·0	−2·2	−2·5	−2·6	−2·7	−2·3	−1·2	−0·1	+1·2	+2·3	+3·2	+3·5	+3·5

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1	68·1	67·1	66·0	65·0	63·8	64·7	64·4	65·0	68·0	70·4	72·2	73·4	74·6	76·0	76·5
2	67·8	67·5	66·0	65·1	64·9	65·5	66·3	67·0	69·0	71·2	72·8	73·9	75·2	76·2	77·1
3	68·3	68·1	67·4	67·3	66·6	66·4	67·3	67·8	69·7	70·8	72·7	75·0	76·9	77·6	77·6
4	69·6	68·9	69·9	69·5	68·7	67·0	66·6	67·5	70·3	72·3	74·1	78·2	79·3	79·9	79·7
5	71·0	70·8	71·2	71·3	70·9	70·5	70·8	71·6	73·0	75·2	79·0	81·8	81·2	81·2	81·7
6	72·5	72·1	71·5	70·6	70·4	70·2	70·2	71·2	73·4	75·5	79·1	81·0	82·0	83·0	83·5
7	74·1	73·5	72·5	72·0	71·7	71·0	69·9	70·8	74·0	76·0	78·1	80·2	81·1	82·4	82·0
8	74·0	73·2	72·8	73·0	73·0	72·1	71·2	72·3	74·5	76·6	80·0	83·0	82·4	83·3	82·0
9	73·0	72·8	72·9	73·1	72·5	71·0	70·1	71·1	74·4	75·8	78·1	81·5	84·3	84·2	84·6
10	73·6	73·5	74·4	74·3	73·3	72·0	71·7	73·0	75·0	75·8	78·0	81·6	84·2	84·3	84·3
11	76·2	74·0	73·5	72·9	72·5	72·6	73·1	73·8	75·9	76·7	78·2	80·4	81·0	82·0	82·0
12	74·6	74·5	73·9	73·1	73·0	72·9	73·0	73·6	74·1	75·2	77·8	79·3	79·6	80·3	80·3
13	74·9	74·5	74·1	73·7	73·0	72·7	72·3	73·1	75·1	76·9	78·8	80·1	80·5	79·8	78·6
14	73·5	73·5	73·2	72·5	72·5	72·0	71·4	71·9	73·5	75·1	77·5	78·5	78·4	77·8	77·0
15	72·3	71·8	70·5	70·0	70·2	70·0	69·0	69·6	72·0	73·7	75·1	76·0	76·4	76·5	75·9
16	67·5	67·0	66·0	66·2	65·6	66·6	67·0	68·1	70·1	72·2	75·0	77·0	78·1	78·2	78·3
17	68·0	67·2	66·5	66·5	66·3	66·6	66·2	66·7	70·5	74·0	77·0	78·4	78·6	78·6	78·0
18	68·7	68·2	67·6	67·3	67·1	67·0	68·0	68·1	71·3	74·0	75·9	77·2	78·4	79·5	80·0
19	70·1	70·5	69·7	68·8	68·3	68·0	68·1	69·5	71·6	74·0	76·0	77·4	78·7	79·6	79·9
20	70·5	70·0	69·8	69·8	69·8	70·0	69·3	70·2	72·5	74·5	78·0	81·0	80·8	82·1	83·5
21	71·1	71·0	70·3	69·4	69·1	69·8	69·8	70·7	72·5	74·0	76·1	79·3	80·4	80·5	81·1
22	72·0	72·2	71·5	70·6	70·4	69·0	68·7	70·1	72·1	74·0	76·5	77·8	78·8	79·9	80·0
23	71·8	71·1	70·8	70·7	70·1	69·5	69·1	70·3	72·0	73·5	76·5	77·6	78·2	78·9	78·9
24	70·5	70·0	69·5	69·1	69·1	69·4	69·1	69·5	71·6	73·1	75·8	77·2	79·4	79·3	79·1
25	72·0	72·0	71·1	70·7	70·1	70·7	70·7	71·4	72·9	74·2	76·0	77·0	78·5	78·9	79·2
26	73·0	72·9	72·7	72·3	71·7	71·2	70·5	71·5	73·4	74·4	76·5	77·7	79·0	80·0	80·1
27	73·2	74·2	74·0	73·9	73·0	72·0	71·3	72·0	74·6	76·3	78·4	80·2	81·3	83·4	83·5
28	73·9	73·1	73·5	73·6	73·0	73·0	72·9	74·0	75·9	77·4	78·2	79·0	80·0	80·5	80·7
Mean . .	71·7	71·3	70·8	70·4	70·0	69·8	69·6	70·4	72·6	74·4	76·7	78·6	79·5	80·1	80·2
Variation .	−2·7	−3·1	−3·6	−4·0	−4·4	−4·6	−4·8	−4·0	−1·8	0·0	+2·3	+4·2	+5·1	+5·7	+5·8
Mean in °C. .	22·1	21·8	21·6	21·3	21·1	21·0	20·9	21·3	22·6	23·6	24·8	25·9	26·4	26·7	26·8
Variation in °C..	−1·5	−1·8	−2·0	−2·3	−2·5	−2·6	−2·7	−2·3	−1·0	0·0	+1·2	+2·3	+2·8	+3·1	+3·2

(Averages for sixty minutes from full hour to full hour of local mean time.)

JANUARY. (IN DEGREES FAHRENHEIT.)

Hours (B. M. T.)									Mean.	Mean in °C	Maximum.		Minimum.		Date.
15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24			Time. H. M.	Mag.	Time. H. M.	Mag.	
78·8	77·8	76·0	74·8	74·0	73·5	73·1	72·4	72·0	73·9	23·3	14 25	79·5	5 10	69·1	1
77·8	76·2	74·9	73·7	73·2	72·6	72·5	72·6	72·0	73·8	23·2	13 40	78·0	6 35	70·8	2
77·5	76·0	74·1	73·1	72·2	71·2	70·1	68·9	67·3	72·0	22 2	13 13	78·5	23 55	67·2	3
79·0	77·6	75·4	73·8	73·6	72·8	71·7	70·7	69·4	71·2	21·8	14 12	79·5	6 28	63·7	4
77·8	76·9	75·2	73·9	73·5	72·8	71·9	70·5	69·8	71·8	22·1	13 44	78·5	7 0	65·5	5
79·1	78·0	76·2	74·8	74·5	74·0	72·7	71·0	70·1	72·3	22·4	15 38	79 6	5 40	64·9	6
81·8	79·7	77·3	75·6	74·8	74·5	74·1	72·7	71·6	74·2	23 4	14 10	85·5	3 28	67·8	7
80·0	78·6	76·8	75·6	75·1	74·5	73·6	72·1	71·7	74·1	23·4	12 30	82·0	4 50	68·4	8
79·4	78·2	76·6	75·3	74·7	74·0	73·1	72·2	71·4	74·3	23·5	13 15	80·5	4 30	69·3	9
83·0	81·8	80·0	78·5	77·5	76·6	76·0	75·0	74·5	75·9	24·4	13 29	84·8	4 40	69·5	10
81·9	80·2	78·0	76·7	76·3	75·7	75·2	74·0	72·8	76·2	24·6	14 53	82·7	7 0	71·6	11
78·0	76·5	74·9	73·5	73·0	72·5	72·2	72·1	71·6	74·1	23·4	13 45	79·6	7 10	69·8	12
72·5	71·1	69·5	68·5	68·2	67·8	67·5	65·7	64·9	69·9	21·1	12 12	74·5	23 15	64·6	13
70·9	69·0	67·8	67·3	66·7	65·0	64·3	63·0	61·5	66·0	18·9	12 35	72·0	23 58	61·1	14
70·9	69·4	67·7	67·0	66·4	64·6	63·1	61·3	61·8	63·2	17·3	15 2	71·0	5 50	55·4	15
70·5	69·5	67·5	66·5	66·0	65·1	64·0	62·6	61·1	63·9	17·7	14 30	71·6	7 0	56·0	16
71·4	69·9	68·1	67·3	66·8	66·1	65·0	63·3	62·5	63·9	17·7	14 45	72·0	7 5	55·2	17
75·6	74·2	72·0	71·0	70·3	69·8	69·0	68·4	68·7	68·8	20·4	13 20	80·2	0 20	60·6	18
82·8	80·0	76·9	74·5	74·0	73·5	72·5	71·8	71·3	74·8	23·8	14 10	86·3	6 35	69·1	19
86·5	85·2	80·6	77·3	76·1	75·3	74·5	73·2	72·7	76·0	24·4	15 55	86·7	6 53	69·9	20
86·6	84·0	80·5	78·1	76·0	75·0	74·0	73·5	72·8	76·3	24·6	14 44	87·6	6 50	69·7	21
82·1	80·0	78·0	76·0	74·9	74·0	73·5	72·6	73·0	75·7	24·3	14 2	86·2	6 35	70 2	22
79·8	78·8	77·5	76·1	74·9	74·4	74·0	73·5	72·5	74·8	23·8	13 15	81·0	6 10	70·4	23
79·0	78·0	76·7	75·4	74·5	74·2	73·3	72·1	72·5	73·8	23·2	15 46	79·5	6 50	68·2	24
78·5	77·1	75·3	74·1	73·5	73·0	72·5	72·0	71·5	73·7	23·2	14 45	79·7	6 35	67·9	25
77·0	76·6	75·0	74·1	73·5	73·0	72·5	71·5	70·7	72·7	22·6	14 40	78·1	6 40	67·7	26
78·0	77·1	75·8	74·0	73·5	72·8	72·0	71·3	71·2	73·1	22.8	13 5	79·4	6 29	67 5	27
78·2	77·3	76·5	76·0	75·5	75·3	75·0	74·8	74·6	74·1	23·4	14 30	79·0	7 35	69·4	28
76·4	75·5	74·6	73·2	72·7	72·4	72·3	72·0	71·5	74·4	23·6	13 55	77·0	7 15	72·7	29
75·1	73·9	72·4	71·4	71·1	71·0	70·6	69·1	68·3	71·3	21·8	13 57	77·0	7 0	67·3	30
76·1	74·9	72·0	72·0	71·6	71·5	70·5	69·4	69·1	70·9	21·6	13 56	76·9	6 55	66·6	31
78·1	76·7	74·8	73·5	72·9	72·2	71·5	70·5	69·9	72·3	22·4					Mean.
+5·8	+4·4	+2·5	+1·2	+0·6	—0·1	—0·8	—1·8	—2·4							Variation.
25·6	24·8	23·8	23·1	22·7	22·3	21·9	21·4	21·1							Mean in °C.
+3·2	+2·4	+1·4	+0·7	+0·3	—0·1	—0·5	—1·0	—1·3							Variation in °C.

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75·6	74·9	73·2	72·1	71 9	71·6	71·3	70·0	68·9	70·2	21·2	14 18	77·2	5 0	63·5	1
77·2	75·9	73·9	72·5	71·9	71·5	70·9	69·7	68·6	70·7	21·5	15 0	77·6	4 59	64·6	2
77·7	76·3	74·7	73·0	72·5	72·1	71·4	70·3	69·8	71·6	22·0	15 30	78·5	5 25	66·3	3
79·5	79·6	77·5	75·5	74·8	74·5	73·6	72·1	71·5	73·3	22·9	15 2	80·6	6 33	66·9	4
82·0	80·1	78·0	76·7	76·1	75·6	75·5	74·9	74·1	75·6	24·2	11 16	82·6	1 45	70·3	5
82·7	81·1	79·5	77·7	76·8	76·4	75·7	74·6	74·5	76·1	24·5	14 57	83·7	5 30	70·0	6
81·0	79·0	77·2	76·1	75·6	75·5	75·0	73·5	73·4	75·7	24·3	13 30	82·8	6 40	69·6	7
81·2	80·3	78·4	77·0	76·4	75·9	75·0	74·0	73·7	76·5	24·7	11 29	84·1	6 20	71 0	8
84·4	83·7	82·6	80·0	78·0	76·9	75·5	75·1	74·5	77·1	25·1	12 38	85·5	6 30	70·0	9
84·1	83·1	81·3	79·2	78·2	77·4	76·4	76·6	76·7	77·6	25·3	13 48	85·0	6 50	71·4	10
81·8	81·3	79·7	78·0	77·0	76·5	76·0	75·6	75·1	76·5	24·9	13 55	82·5	4 5	72·3	11
80·0	79·2	77·7	76·5	76·0	75·8	75·6	75·5	75·3	76·1	24·5	13 30	80·7	6 15	72·5	12
78·1	77·1	76·0	75·5	75·6	75·5	75·0	74·5	74·0	75·8	24·3	12 30	81.0	6 50	72·0	13
76·1	75·5	73·8	73·0	73·0	73·0	72·8	72·3	72·0	74·2	23·4	12 12	79·3	6 50	71·0	14
75·1	73·7	72·0	70·8	70·0	69·0	68·7	67·5	67·0	71·8	22·1	13 5	76·9	23 25	66·5	15
77·7	76·8	74·9	73·3	73·0	72·5	71·9	70·7	69·6	71·8	22·1	12 35	78·8	4 45	6 ·4	16
77·6	76·7	75·0	73·7	73.4	73·1	72·8	71·2	69·8	72·2	22·3	13 25	79·4	7 10	65·8	17
79·2	78·2	76·8	75·2	74·5	73·9	73·4	72·7	71·8	73·1	22·8	14 30	80·5	5 40	66·5	18
79·5	78·4	76·4	74·6	74·2	73·7	73·5	72·7	71·6	73·5	23 1	14 30	80·1	6 12	67·7	19
83·1	82·1	80·1	77·3	75·7	75·0	74·1	73·0	72·1	75·2	24·0	14 28	84·0	6 37	68·9	20
80·8	80·3	78·2	76·1	75·0	73·9	73·0	72·5	72·4	74·5	23·6	14 28	81·5	4 30	69·0	21
79·5	78·2	76·7	74·8	73·9	73·0	72·1	71·6	71·7	74·0	23·3	13 55	80·5	5 5	68·5	22
78·4	77·5	76·1	74·5	73·6	73·0	71.9	71·4	70·7	73·6	23·1	13 30	79·5	6 15	69·0	23
78·5	77·8	76·0	74·3	73·5	73·0	72·5	72·0	71·5	73·4	23·0	12 15	79·8	6 40	68·9	24
79·2	78·7	77·0	75·5	74·9	74·0	73·6	73·4	73·3	74·4	23·6	14 55	79·7	4 40	69 9	25
80·1	79·8	78·2	77·0	76·6	76·4	76·1	75·0	73·8	75·4	24·1	14 51	80·7	6 40	70·3	26
83·4	83·0	81·0	79·0	77·9	77·0	76·0	75·1	74·5	77·0	25·0	14 58	84·0	7 0	71·0	27
80·5	79·8	78·2	76·2	75·2	74·6	74·1	73·5	73·1	76·0	24·4	14 30	81·5	6 30	72·6	28
79·8	78·9	77·1	75·5	74·8	74·3	73·7	72·9	72·3	74·4	23·6					Mean.
+5·4	+4·5	+2·7	+1·1	+0·4	—0·1	—0·7	—1·5	—2·1							Variation.
26·6	26·1	25·1	24·2	23·8	23·5	23·2	22·7	22·4							Mean in °C.
+3·0	+2·5	+1·5	+0·6	+0·2	—0·1	—0·4	—0·9	—1·2							Variation in °C.

AIR TEMPERATURE, 1935.

(Averages for sixty minutes from full hour to full hour of local mean time.)

MARCH. (IN DEGREES FAHRENHEIT.)

Date.	Hours (G.M.T.)														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	73·1	73·0	73·0	72·4	71·9	72·0	71·8	72·8	74·1	75·1	77·5	79·0	79·6	79·8	79·6
2	72·0	71·9	71·2	70·7	71·0	71·4	72·0	72·8	74·0	75·5	77·0	78·5	78·8	79·0	79·0
3	70·6	70·5	70·0	69·6	69·4	69·5	70·0	71·0	73·8	75·5	77·1	78·8	79·7	80·0	80·3
4	74·7	74·8	74·6	73·6	73·1	71·7	70·2	71·7	74·7	77·4	79·5	80·6	81·5	81·9	81·6
5	71·5	70·7	69·0	68·9	68·3	68·1	67·7	69·8	74·4	78·0	82·1	85·5	87·7	84·1	83·1
6	73·0	71·8	70·8	70·3	71·0	70·6	70·9	72·2	75·7	78·8	82·5	87·1	87·5	87·0	85·5
7	73·0	72·5	72·0	71·0	71·1	71·6	71·7	72·8	75·6	77·7	81·7	85·5	83·6	83·2	83·7
8	73·5	72·7	72·6	72·9	72·5	71·8	73·0	74·9	77·4	80·3	84·3	89·5	93·5	95·4	92·0
9	76·7	76·0	75·2	74·9	74·8	73·9	73·9	75·0	78·2	81·8	86·0	90·3	93·7	95·6	96·9
10	76·4	76·4	76·5	75·5	75·5	75·2	75·1	76·4	79·0	82·1	86·4	90·2	93·2	95·0	94·8
11	75·0	74·8	75·0	75·0	74·9	74·5	75·0	77·2	80·5	84·0	87·9	89·0	90·0	91·1	90·4
12	79·8	78·8	78·5	76·8	75·9	75·8	75·0	76·5	79·0	80·7	85·4	90·2	93·2	90·4	88·6
13	77·9	77·5	76·0	75·5	74·6	74·0	74·8	77·0	79·5	81·1	85·5	90·0	93·7	93·5	91·6
14	78·3	76·4	76·0	76·1	75·9	74·8	74·7	76·2	78·4	80·1	83·0	84·4	84·7	84·7	84·8
15	77·5	77·3	77·0	76·4	75·5	75·2	74·5	75·7	78·2	79·3	80·7	82·8	83·5	84·6	85·4
16	78·1	78·0	77·4	76·6	75·8	74·8	74·5	76·1	79·4	81·5	85·0	86·6	86·2	86·0	86·0
17	79·5	78·5	78·1	78·2	78·5	77·9	76·0	77·0	80·6	81·8	83·9	85·0	86·1	86·9	86·5
18	78·6	78·1	77·6	77·0	76·5	76·5	77·0	78·1	80·1	82·0	83·7	84·2	84·3	84·3	84·3
19	76·6	76·3	76·2	76·7	76·4	75·8	75·9	77·0	79·2	81·1	82·5	83·5	83·6	84·3	83·8
20	76·4	76·7	77·0	76·2	75·6	75·0	74·9	76·4	77·5	78·6	80·7	81·9	83·2	84·2	84·3
21	77·2	76·7	76·4	76·0	75·3	75·0	75·1	76·5	78·8	80·0	81·5	82·4	83·1	83·4	83·6
22	78·4	78·0	77·5	77·5	77·0	76·2	76·5	77·8	79·6	81·1	82·6	83·5	84·3	84·8	84·4
23	78·9	78·0	76·9	76·2	75·6	75·8	75·5	77·1	80·5	82·2	83·2	83·9	84·8	85·0	85·0
24	78·0	77·7	77·3	76·6	76·0	75·8	76·5	78·3	80·3	82·0	82·7	83·6	84·5	84·6	84·6
25	78·0	78·0	77·3	76·6	76·4	76·0	76·0	77·5	80·0	81·4	82·9	83·8	84·3	84·0	84·3
26	78·7	78·2	77·4	77·0	76·6	76·4	76·2	77·5	80·3	81·8	84·1	85·4	86·3	86·4	86·5
27	77·4	77·4	77·0	76·8	76·7	76·7	76·7	77·6	79·0	79·6	80·7	82·4	83·1	83·7	84·2
28	77·8	77·6	77·5	77·4	77·3	76·8	76·5	77·3	79·8	81·6	82·9	84·0	84·8	84·8	83·8
29	77·9	77·2	76·5	76·3	75·7	74·7	74·7	75·9	78·3	79·5	81·0	82·4	82·9	83·4	83·5
30	76·7	75·5	74·2	74·0	74·0	74·4	74·4	76·1	79·0	80·7	82·9	84·0	84·4	85·6	86·0
31	77·8	77·8	76·7	77·7	75·7	75·8	75·6	77·5	80·5	83·0	85·5	86·5	86·5	86·2	82·2
Mean .	76·4	76·0	75·4	75·0	74·7	74·3	74·3	75·7	78·2	80·2	82·7	84·7	85·7	85·9	85·5
Variation .	—3·1	—3·5	—4·1	—4·5	—4·8	—5·2	—5·2	—3·8	—1·3	+0·7	+3·2	+5·2	+6·2	+6·4	+6·0
Mean in °C .	24·7	24·4	24·1	23·9	23·7	23·5	23·5	24·3	25·7	26·8	28·2	29·3	29·8	29·9	29·7
Variation in °C.	—1·7	—2·0	—2·3	—2·5	—2·7	—2·9	—2·9	—2·1	—0·7	+0·4	+1·8	+2·9	+3·4	+3·5	+3·3

APRIL.

1	79·0	78·5	77·6	76·7	76·0	76·3	76·2	77·4	80·5	83·0	84·0	84·4	85·2	85·3	84·9
2	77·6	77·0	76·0	76·2	76·0	76·1	76·3	78·5	81·0	82·0	82·6	83·4	84·1	84·6	84·6
3	75·5	75·2	74·7	75·2	75·7	75·6	74·9	75·5	79·5	81·6	83·0	83·7	84·0	84·7	85·0
4	76·0	75·5	75·0	74·8	74·4	74·2	74·8	76·5	78·8	79·7	81·1	82·0	83·2	84·1	84·6
5	77·0	76·1	75·2	74·8	74·4	74·0	74·6	76·5	77·9	79·2	80·7	81·7	83·0	84·0	84·5
6	76·7	76·5	76·4	76·1	75·9	75·6	75·8	77·0	78·5	81·0	82·7	83·5	84·1	84·2	84·1
7	79·3	79·0	78·3	78·2	78·0	77·3	77·3	78·6	81·0	83·0	84·2	84·5	85·2	86·2	86·2
8	79·4	79·5	79·4	79·0	78·2	78·0	78·3	79·7	82·5	84·9	86·3	86·9	87·3	87·3	87·0
9	78·8	78·5	78·4	78·5	78·2	77·4	77·4	79·2	81·9	84·1	85·5	86·8	87·6	87·0	86·5
10	77·8	77·5	77·3	76·9	76·5	75·9	76·0	78·0	80·4	81·9	83·4	84·3	84·3	84·8	85·0
11	76·3	75·9	75·3	75·0	75·0	74·9	75·2	76·4	77·5	79·3	80·5	81·4	82·7	83·5	83·2
12	76·3	76·0	75·6	75·8	75·6	75·5	76·1	77·3	79·2	80·0	81·9	83·5	84·9	84·9	84·6
13	77·0	76·4	75·6	75·2	75·1	75·2	75·8	77·6	79·5	80·8	81·5	82·5	83·5	84·1	84·6
14	77·7	77·5	77·4	77·0	76·5	75·8	75·6	77·2	79·2	80·8	82·0	83·1	83·8	84·1	84·1
15	78·6	78·4	78·0	78·0	78·5	78·5	79·0	79·9	80·2	81·5	83·3	84·3	84·7	85·4	86·0
16	78·5	78·5	78·4	78·5	78·0	77·7	78·1	79·6	81·1	82·4	83·7	84·9	85·4	85·2	85·5
17	80·2	80·5	80·6	80·5	80·4	80·1	79·8	80·8	82·3	84·4	85·5	85·5	85·4	85·0	85·5
18	79·3	79·1	79·2	79·1	79·0	78·3	78·8	80·5	82·5	85·0	86·1	86·8	86·9	86·9	86·7
19	79·5	79·2	79·3	79·2	79·0	79·0	79·0	80·1	82·0	84·1	85·5	86·3	87·6	87·4	87·0
20	77·5	77·3	77·0	76·8	76·5	76·0	77·0	78·5	80·1	81·5	82·8	83·9	85·0	85·3	85·3
21	78·4	78·0	78·1	78·0	77·6	77·4	77·0	78·0	80·2	82·5	84·0	85·0	85·6	85·5	85·4
22	80·0	79·6	79·4	78·9	78·4	78·0	78·2	79·9	81·5	82·5	83·5	84·6	85·5	86·2	86·5
23	80·5	80·4	79·9	79·6	79·0	78·5	79·0	80·0	82·8	83·8	84·7	85·5	86·3	87·4	87·3
24	80·9	80·7	80·5	80·5	80·2	80·1	80·4	82·0	84·0	85·0	86·0	86·1	87·0	87·0	86·9
25	81·0	80·7	80·6	80·5	80·1	80·4	80·5	81·8	83·8	84·9	85·7	86·4	87·3	87·2	87·3
26	80·0	79·7	79·6	79·8	80·0	80·0	80·5	81·8	83·5	84·4	85·1	85·9	86·7	87·5	87·3
27	80·0	80·0	79·8	79·2	78·6	78·5	78·9	80·5	82·4	83·5	84·5	85·1	86·3	87·0	87·3
28	80·4	80·4	80·4	80·5	80·0	79·7	80·1	81·2	83·1	84·8	85·5	85·7	87·3	87·6	87·7
29	80·4	80·0	79·7	79·3	78·9	78·5	79·4	80·7	82·7	84·1	85·3	86·0	86·5	86·4	86·1
30	81·5	81·5	80·8	80·0	79·7	79·0	79·5	81·7	84·0	84·7	85·4	86·2	86·9	87·4	87·5
Mean .	78·7	78·4	78·1	77·9	77·6	77·4	77·7	79·1	81·1	82·7	83·9	84·7	85·4	85·8	85·8
Variation .	—2·5	—2·8	—3·1	—3·3	—3·6	—3·8	—3·5	—2·1	—0·1	+1·5	+2·7	+3·5	+4·2	+4·6	+4·6
Mean in °C .	25·9	25·8	25·6	25·5	25·3	25·2	25·4	26·2	27·3	28·2	28·8	29·3	29·7	29·9	29·9
Variation in °C.	—1·4	—1·5	—1·7	—1·8	—2·0	—2·1	—1·9	—1·1	0·0	+0·9	+1·5	+2·0	+2·4	+2·6	+2·6

Averages for sixty minutes from full hour to full hour of local mean time.)

MARCH. (IN DEGREES FAHRENHEIT.)

Hours. (B.M.T.)									Mean.		Maximum.		Minimum.		Date.
15—16	16—17	17—18	18—19	19—20	20—21	21 - 22	22—23	23—24	°F	°C	Time.	Mag.	Time.	Mag.	
											H. M.		H. M.		
79·5	78·5	76·8	74·9	74·0	72·9	72·5	72·5	72·5	74·9	23·8	13 20	80·5	4 10	71·5	1
78·4	77·1	75·5	74·1	73·9	73·6	73·4	72·6	71·5	74·4	23·6	13 10	79·8	3 20	70·5	2
80·9	80·1	78·8	78·0	77·7	77·0	75·9	73·9	74·0	75·1	23·9	15 41	81·5	4 50	69·1	3
81·0	80·0	78·7	77·4	77·4	76·9	76·6	71·9	73·0	76·6	24·8	13 40	82·5	6 31	70·0	4
83·5	82·4	80·3	78·2	77·5	76·6	75·7	74·7	73·9	76·3	24·6	12 30	88·5	6 18	67·4	5
83·9	83·5	81·7	79·5	78·5	77·7	77·1	75·5	74·0	77·8	25·4	11 52	88·7	3 45	70·0	6
83·4	81·8	80·5	79·0	78·0	77·3	76·9	75·8	74·5	77·2	25·1	11 20	86·6	4 0	70·5	7
87·8	85·1	83·0	80·1	78·4	77·5	77·5	77·2	77·5	80·0	26·7	14 2	96·7	5 35	71·2	8
93·1	87·8	84·2	81·3	80·3	79·3	78·4	77·6	76·7	81·7	27·6	15 0	97·6	5 45	73·5	9
91·8	87·0	83·6	81·1	80·1	79·2	78·4	77·4	76·5	81 8	27·7	14 15	95·8	6 10	75·0	10
89·4	87·5	85·2	82·7	82·5	82·3	82·0	81·0	80·7	82·0	27·8	13 40	91·5	5 35	74·3	11
88·3	87·1	85·2	83·8	82·3	81·5	80·0	79·7	79·6	82·2	27·9	12 47	94·0	6 30	74·4	12
90·4	88·3	86·2	84·4	82·9	81·1	80·1	79·5	79·6	82·3	27.9	12 25	94·5	5 40	73·5	13
85 0	84·5	83·0	81·0	79·8	79·9	79·5	78·3	77·6	79·9	26·6	15 0	85·5	6 47	74·4	14
84·5	83·5	82·0	81·0	80·5	79·8	79·0	79·0	78·8	79·7	26·5	14 35	85·6	6 30	74·0	15
85·2	84·2	83·0	81·6	81·5	81·4	80.5	79·7	80·0	80·8	27·1	12 50	86·8	6 30	74·4	16
85·5	84·6	83·0	81·0	80·3	79·5	79·7	79·4	79·3	81·1	27·3	13 15	87·0	6 45	75·6	17
84·0	83·0	81·9	80·5	79·9	79·3	78·4	78·1	77·8	80·2	26·8	11 35	84·6	4 25	76·4	18
83·8	83·3	81·9	80·1	79·5	78·8	78·3	77·5	76·7	79·5	26·4	14 15	84·5	5 50	75·6	19
84·4	84·0	82·4	80·3	79·6	79·0	78·6	78·0	77·3	79·3	26·3	14 14	85·0	6 10	74·5	20
83·4	82·5	80·8	79·4	79·0	78·6	78·5	78·5	78·5	79·2	26·2	14 5	84·0	6 25	74·7	21
83·7	83·1	81·8	80·3	80·0	79·6	79·4	79·2	79·0	80·2	26·8	13 15	85·0	5 50	76·0	22
84·6	83·9	82·4	81·1	80·5	79·9	79·6	79·5	79·0	80·4	26·9	12 35	85·5	6 30	75·4	23
84·4	83·6	81·9	80·4	79·7	79·1	79·0	78·6	78·4	80.1	26·7	14 30	85·0	5 50	75·7	24
83·7	82·5	81·6	80·7	80·5	80·0	79·6	79·4	79·2	80.2	26·8	14 40	84·8	6 21	75·8	25
25·5	84·1	82·1	80·0	79·3	78·7	78·3	77·8	77·5	80·5	26.9	12 2	86·8	6 40	76·0	26
84·0	83·0	81·1	79·4	79·0	78·6	78·4	78·2	78·0	79·5	26·4	14 46	84·6	6 25	76·5	27
83·4	82·6	81·2	80·1	80·0	80·0	79·7	79·3	78·8	80·2	26·8	13 14	85·5	6 5	76·4	28
83·5	82·7	81·0	79·6	79·0	77·8	77·1	77·5	77·4	79·0	26·1	14 45	84·0	5 50	74·5	29
85·5	84·6	83·5	82·5	81·5	81·3	81·2	79·5	73·5	80·0	26·7	14 10	86·5	3 10	73·8	30
87·0	86·5	84·8	83·6	83·0	82·5	81·9	80·4	79·5	81·4	27·4	15 0	87·6	6 30	75·5	31
84·9	83·6	81·9	80·2	79·6	78·9	78·4	77·7	77·3	79·5	26·4					Mean.
+5·4	+4·1	+2·4	+0·7	+0·1	—0·6	—1·1	—1·8	—2·2							Variation.
29·4	28·7	27·7	26·8	26·4	26·1	25·8	25·4	25·2							Mean in °C
+3·0	+2·3	+1·3	+0·4	0·0	—0·3	—0·6	—1·0	—1·2							Variation in°C

APRIL.

84·8	84.1	82·9	81·2	80·6	79·8	78·7	78·3	77·5	80·5	26·9	13 54	86·5	4 40	75·9	1
84·4	83·9	82·2	80·0	79·0	77·8	76·8	76·4	75·7	79·7	26·5	13 56	84·9	4 35	75·5	2
84·5	84.0	82·5	80.4	79·5	78·3	78·1	77·5	76·9	79·4	26·3	14 40	85·4	2 55	74·4	3
84·6	83.8	82·1	79.9	79·2	78·2	77·3	77·4	77·5	78·9	26·1	15 50	85·1	5 20	74·0	4
84·0	83.0	81·5	79·6	79·0	78·4	78·0	77.6	77·5	78·8	26·0	14 45	84·9	6 15	73·9	5
84·0	83.1	82·5	81·5	81·1	81·0	81·0	79·9	79·5	80·1	26·7	13 18	85·0	6 0	75·4	6
86·0	86.1	85·0	84.0	84·0	83·5	83·0	81·4	79·8	82·0	27·8	13 50	87·4	6 10	77·0	7
86·9	85.9	84·7	83·6	82·7	80·7	79·5	79·6	79·4	82·4	28·0	13 6	88·0	5 20	77·9	8
86·3	86.3	84·8	82·2	81·0	80·0	79·5	78·7	78·2	81·8	27·7	12 40	88·0	5 55	77·0	9
84·2	83.2	81·2	79·2	78·6	78·0	77·3	77·0	76·7	79·8	26·6	14 25	85·5	6 5	75·4	10
83·0	82.0	80·8	79·0	78.2	77·6	77·3	76·4	76·4	78·5	25·8	13 25	84·5	5 55	74·6	11
84.1	83.2	81·6	79·8	79·2	78·7	78·2	77·4	77·4	79·5	26·4	13 23	85·5	4 40	75·4	12
85·0	84·3	82·6	80·6	79·9	79·4	79·0	78·4	78·0	79·7	26·5	15 2	85·4	5 20	75·0	13
84·0	83.0	81·7	80·3	79·5	79·1	79·0	78·7	78·6	79·8	26·6	14 12	84·8	6 20	75·2	14
85·3	84.6	83.1	81·2	80·7	80·6	80.3	79·7	79·3	81·2	27·3	14 15	86·5	3 5	77·9	15
86·1	87.6	87·0	85·3	84.5	83·0	81.9	81·4	80·8	82·2	27·9	16 50	88·0	6 0	77·5	16
85·6	84.8	83·7	82·1	81·7	81·5	80·9	80·5	80·1	82·4	28·0	12 10	86·4	6 30	79·6	17
86·1	84.9	83·5	81·9	81·4	81·0	80·8	80.5	80.0	82·3	27.9	12 25	87·6	5 42	78·1	18
86·0	84.3	82·5	80·5	80.0	79·6	79·3	78.7	78·2	81·8	27·7	12 32	88·0	23 58	78·0	19
84·7	84.4	83·0	81·3	80·5	80·4	80.0	79·6	79·0	80·6	27·0	12 32	85.7	5 28	75.9	20
85.4	84.5	83.4	81·9	81·2	80·9	80·6	80·4	80·2	81·2	27·3	12 55	86·0	6 5	76·9	21
86.6	85.9	84.3	82·6	82·0	81·4	81·2	81·0	80·7	82·0	27·8	14 40	86·7	6 4	77·8	22
87.0	86.1	84.9	83·5	82·8	82·2	82·0	81·5	81·2	82·7	28·2	13 40	87·8	5 45	78·4	23
86.6	85.9	84.6	83·1	82·5	82·0	81·6	81·5	81·3	83·2	28.4	13 55	87·6	6 10	80·0	24
87.0	86.5	85.1	83·6	83·0	82·5	82·2	81·5	80·6	83·3	28·5	13 5	88·0	4 40	80·0	25
87.1	86.1	84.7	83·0	82·2	81·5	81·3	80·9	80·5	82·9	28·3	13 29	87·7	2 5	79·5	26
86.5	85.3	84·0	82·3	81·6	81·4	81·0	80·6	80·5	82·3	27·9	14 18	87·8	5 5	78·4	27
87 0	85.7	84.1	82·6	81·8	81.3	81·0	80·8	80·6	82·9	28.3	13 41	88·5	5 35	79·5	28
85.5	84.8	83.5	82·5	82·2	81.8	81·5	81·3	81·3	82·4	28.0	12 46	87·3	5 20	78·4	29
86.8	86.1	84·1	82·9	82·3	82.0	82·0	82·1	82·3	83·2	28·4	14 25	87·8	5 45	78·8	30
85·5	84·8	83.4	81·7	81·1	80·5	80·0	79·6	79·2	81·2	27·3					Mean.
+4·3	+3·6	+2·2	+0·5	- 0·1	—0·7	—1·2	—1·6	—2·0							Variation.
29·7	29·3	28·6	27·6	27·3	26·9	26·7	26·4	26·2							Mean in °C
+2·4	+2·0	+1·3	+0·3	0·0	—0·4	—0·6	—0·9	—1·1							Variation in°C

AIR TEMPERATURE, 1935.

(Averages for sixty minutes from full hour to full hour of local mean time.)

MAY

(IN DEGREES FAHRENHEIT.)

Date.	Hours (B.M.T.)															
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	82·1	81·5	80·8	80·5	80·0	79·4	79·8	82·7	85·7	87·7	89·0	89·3	90·1	**91·6**	91·3
2	82·7	82·6	82·2	81·0	79·8	79·5	80·1	82·3	84·1	85·3	86·0	86·5	86·7	87·0	86·6
3	79·7	79·7	79·5	79·4	79·0	78·9	80·0	80·8	82·2	84·5	85·7	86·4	86·6	87·0	87·4
4	80·5	79·9	78·6	78·0	77·6	77·3	78·1	79·8	81·9	83·2	83·6	84·6	85·9	86·4	86·9
5	80·5	80·3	79·4	79·0	78·7	78·6	79·0	81·4	82·7	83·5	84·9	86·1	87·2	87·4	87·0
6	80·6	80·6	80·6	80·6	80·5	80·4	80·9	82·0	83·5	84·5	85·7	86·5	87·0	88·2	88·0
7	82·6	82·5	82·4	82·2	82·1	82·0	82·2	83·4	85·0	86·5	87·2	87·4	88·3	89·2	89·2
8	83·5	83·2	83·0	82·8	82·5	82·5	82·9	84·3	85·8	86·9	87·7	88·4	88·6	88·8	88·6
9	82·5	82·0	81·5	81·4	80·6	80·7	81·5	83·0	85·1	86·4	87·3	88·3	88·6	89·0	88·7
10	81·1	81·2	80·7	80·4	80·4	80·1	80·6	82·0	83·7	84·9	86·0	87·0	87·1	87 6	87·3
11	81·4	81·4	81·3	81·0	80·5	80·4	81·0	82·1	84·8	86·4	87·2	88·1	88·1	88·8	88·8
12	82·1	82·0	81·6	80·5	79·7	79·5	80·4	82·2	84·4	85·9	87·1	87·3	88·3	89·0	88·4
13	81·0	81·0	80·5	80·0	79·2	78·7	80·1	81·5	83·3	85·0	86·4	87·2	87 7	88·3	88·4
14	81·0	80·9	80·1	80·0	80·0	80·0	80·7	82·0	83·6	85·0	85·8	87·1	88·5	88·7	88·7
15	81·9	81·4	81·0	80·6	80·5	80·3	81·3	82·8	84·3	85·4	86·4	87·5	87·7	88·2	88·5
16	82·5	82·2	81·8	81·6	81·5	81·4	82·2	83·4	84·8	85·7	87·0	87·9	88·8	89·1	89·5
17	82·1	81·5	81·2	81·5	81·7	81·6	82·2	83·5	85·2	86·2	87·0	87·8	88·5	89·3	89·6
18	82·4	82·2	82·1	82·0	81·8	81·8	82·6	83·7	84·6	85·5	87·1	88·1	88·5	88·5	88·6
19	82·4	82·3	82·0	81·7	81·2	81·0	82·0	83·3	85·0	86·4	87·6	88·4	88·9	89·1	88·8
20	82·2	82·0	81·8	81·5	80·7	81·0	81·3	82·7	84·8	86·0	87·4	88·3	88·9	89·1	89·4
21	82·5	82·0	81·5	81·2	81·0	80·8	81·5	82·7	84·3	85·5	86·7	87·5	88·1	88·9	88·7
22	82·0	81·8	81·5	81·6	81·4	81·0	81·8	83·1	84·8	85·7	87·0	88·0	89·0	89·0	89·1
23	82·7	82·2	81·6	81·4	81·1	81·1	82·1	82·2	85·0	86·1	87·5	88·2	88·7	89·0	89·3
24	83·0	82·6	82·5	82·4	82·2	82·3	83·0	84·1	85·9	87·1	88·2	89·0	89·5	89·5	89·7
25	82·9	82·5	82·0	81·9	82·4	81·4	82·2	83·5	85·0	86·3	87·2	88·1	88·5	88·9	88·9
26	83·0	82·7	82·5	82·5	82·2	82·2	82·9	84·0	85·3	86·5	87·4	88·5	89·1	89·4	89·0
27	83·5	83·5	83·3	83·0	82·9	83·0	83·5	84·6	86·1	87·1	87·9	88·6	89·5	89·5	89·5
28	83·5	83·2	83·0	82·7	82·6	82·6	83·2	84·3	85·7	87·0	87·9	88·6	89·4	89·3	89·1
29	83·2	83·4	82·9	82·6	82·6	82·5	83·2	84·6	85·9	87·2	88·2	88·7	89·4	89·5	89·4
30	83·4	83·2	82·9	82·5	82·7	82·5	83·2	84·3	85·7	86·9	87·9	89·0	89·7	89·5	89·3
31	83·2	82·9	82·6	82·6	82·6	82·6	83·2	84·1	85·9	87·0	88·2	89·2	89·7	89·5	89·9
Mean .	82·2	81·9	81·6	81·3	81·0	80·9	81·6	82·9	84·6	85·9	87·0	87·8	88·4	**88·8**	88·8
Variation .	−2·2	−2·5	−2·8	−3·1	−3·4	**−3·5**	−2·8	−1·5	+0·2	+1·5	+2·6	+3·4	+4·0	**+4·4**	+4·4
Mean in °C. .	27·9	27·7	27·6	27·4	27·2	**27·2**	27·6	28·3	29·2	29·9	30·6	31·0	31·3	**31·6**	31·6
Variation in °C.	−1·2	−1·4	−1·5	−1·7	−1·9	**−1·9**	−1·5	−0·8	+0·1	+0·8	+1·5	+1·9	+2·2	**+2·5**	+2·5

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1	83·8	83·6	83·5	83·4	83·1	83·0	83·9	85·1	86·5	87·8	88·9	89·5	89·7	90·0	90·3
2	83·5	83·1	82·7	82·5	82·4	82·3	83·0	84·3	85·6	87·1	88·0	89·0	89·1	89·7	89·5
3	84·1	84·0	83·7	83·5	83·4	83·4	84·0	85·1	86·3	87·8	89·0	89·8	90·2	90·6	90·3
4	84·0	83·8	83·5	83·5	83·5	83·5	83·9	85·0	86·4	87·5	88·4	89·0	89·8	90·1	89·6
5	83·9	83·6	83·5	83·5	83·5	83·4	83·7	84·5	85·6	86·7	88·1	89·2	90·0	90·5	90·7
6	84·4	84·2	83·5	83·0	82·7	82·4	83·4	84·9	86·6	87·6	88·2	89·1	90·1	90·5	90·7
7	85·6	85·5	85·3	85·0	84·5	84·0	84·8	86·0	87·8	89·0	89·5	90·2	90·9	**91·3**	91·3
8	85·3	85·0	84·8	84·6	84·7	84·6	84·9	84·7	84·4	86·0	86·7	88·0	89·0	90·1	90·3
9	85·4	85·0	84·1	84·3	83·4	83·5	84·0	84·8	86·5	87·5	88·0	87·9	89·6	90·1	90·4
10	84·7	84·8	84·9	84·7	84·4	84·0	83·3	84·1	84·0	84·0	85·1	88·0	89·2	89·3	90·0
11	84·6	84·5	84·4	84·2	83·9	81·2	83·0	84·0	86·1	87·6	88·7	89·5	90·6	90·3	90·4
12	85·0	85·0	84·6	84·5	84·5	84·3	84·0	84·9	84·4	86·2	86·9	86·8	88·5	89·1	89·5
13	85·0	84·8	84·6	84·3	81·9	81·4	82·0	83·3	85·7	87·5	88·1	88·7	88·6	89·4	89·6
14	82·3	80·5	80·0	79·9	79·6	79·8	80·1	80·6	81·6	83·0	84·3	84·5	85·5	86·0	85·7
15	82·6	82·6	82·5	82·4	82·0	80·5	81·0	82·0	83·3	84·6	86·0	87·0	87·6	85·5	84·5
16	82·9	82·7	82·4	82·0	81·5	81·5	81·6	82·2	83·4	84·2	85·3	86·5	87·2	88·0	88·6
17	81·0	80·5	80·5	80·5	80·3	80·3	80·8	81·5	83·1	84·1	84·7	85·2	86·5	88·0	86·5
18	79·8	79·9	79·5	79·2	79 2	80·0	80·5	81·2	82·1	82·0	84·0	85·2	85·2	81.2	81·8
19	82·7	83·1	81·5	80·2	79·2	78·5	78·2	77·8	76·8	76·7	77·5	77·6	77·7	78·3	78·9
20	77·8	78·4	78·7	78·7	78·6	79·1	79·5	79·9	80·9	82·4	84·0	84·5	84·5	84·4	82·7
21	78·6	78·6	78·6	78·5	78·4	78·7	79·4	80·1	81·2	82·2	84·0	84·9	84·9	85·4	85·5
22	81·5	80·5	81·4	82·0	82·0	81·8	81·2	82·1	83·7	84·8	85·6	86·0	86·6	86·9	85·5
23	78·3	78·3	78·7	79·0	76·7	77·0	77·7	78·7	79·7	80·4	78·4	77·5	77·0	78·4	79·3
24	82·0	82·2	82·4	82·4	81·9	81·9	82·3	81·2	80·4	80·2	80·8	82·3	83·5	84·3	85.5
25	83·3	83·3	83·4	83·4	83·3	83·0	8?·0	82·9	78·2	**76·2**	77·4	77·4	77·6	78·6	80·1
26	79·0	77·8	77·9	78·4	78·6	78·8	79·0	79·4	80·4	81·4	82·8	83.4	84·0	84·5	81·7
27	80·5	80·5	80·4	80·4	80·5	80·5	80·7	81·1	81·8	83·3	84·5	84·1	83·7	83·9	83·8
28	81·5	80·9	81·0	81·0	80.5	80·5	80·9	81.1	82·7	82·5	82·7	83·3	83·9	84·0	83·5
29	80·0	80·0	80·4	80·7	79·9	81·1	82·0	82·4	83·2	83·7	84·1	84·2	84·6	84·5	84·7
30	82·3	82·4	82·4	82·3	81·6	81·6	81·3	81·6	82·0	82·9	81·0	81·3	82·4	82·6	82·0
Mean .	82·5	82·3	82·2	82·2	81·7	**81·5**	81·9	82·5	83·4	84·2	85·0	85.7	85·9	86.5	**86·5**
Variation .	−1·2	−1·4	−1·5	−1·6	−2·0	−2·2	−1·8	−1·2	−0·3	+0·5	+1·3	+2.0	+2·2	+2·8	**+2·8**
Mean in °C. .	28·1	27·9	27·9	27·8	27·6	27·5	27·7	28·1	28·6	29·0	29·4	29·8	29·9	30·3	**30·3**
Variation in °C.	−0·6	−0 8	−0·8	−0·9	−1·1	−1·2	−1·0	−0·6	−0·1	+0·3	+0·7	+1·1	+1·2	+1·6	**+1.6**

(Averages for sixty minutes from full hour to full hour of local mean time.)

MAY. (IN DEGREES FAHRENHEIT.)

Hours (B. M. T.).									Mean.	Mean in °C	Maximum.		Minimum.		Date.
15.–16	16—17	17–18	18—19	19—20	20—21	21—22	22—23	23—24			Time.	Mag.	Time.	Mag.	
											H. M.		H. M.		
90·7	89·0	87 3	84·8	83·7	83·4	83·4	83·3	83·2	85·0	29·4	13 10	92·1	5 50	79·0	1
86·4	84·9	83·6	82·0	81·4	80·7	80·5	80·3	80·0	83·0	28·3	13 8	87·3	6 2	79·3	2
87·3	86·0	84·7	83·1	82·6	81·9	81·5	81·0	80·8	82·7	28·2	14 5	87·6	5 2	78·5	3
87·0	86·0	84·5	83·4	82·5	81·8	81·5	81·3	81·0	82·1	27·8	15 16	87·6	5 30	77·1	4
86·1	85·0	83·8	82·3	81·7	81·5	81·4	81·0	81·0	82·5	28·1	14 14	87·7	5 31	78·5	5
88·3	87·6	86·5	85·1	84·5	84·0	83·5	83·0	82·8	84·0	28·9	15 4	88·5	6 9	80·1	6
89·1	88·4	87·2	86·4	85·7	85·4	84·8	84·3	83·9	85·3	29·6	14 25	89·8	5 50	81·9	7
87·5	87·6	86·2	84·4	83·6	83·1	83·2	83·1	82·6	85·0	29·4	14 15	89·6	5 45	82·2	8
87.6	86·3	85·1	83·7	83·1	82·5	82·0	81·5	81·3	84·2	29·0	13 34	89·5	4 30	80·4	9
87·0	86·3	85·0	83·5	82·9	82·5	82·4	82·0	81·6	83·5	28·6	13 55	88·3	5 30	80·0	10
88·0	87·4	86·3	84·7	83·8	83·2	82·6	82·7	82·5	84·3	29·1	14 28	89·4	5 15	80·3	11
87·7	87·1	85·5	83·7	83·3	82·7	82·4	81·7	81·2	83·9	28·8	13 0	89·5	5 35	79·4	12
87·6	86·6	85·2	83·7	83·0	82·5	82·1	81·6	81·4	83·4	28·6	14 2	88.6	5 30	78·5	13
88·5	87·2	86·0	84·4	83·5	83·0	83·0	82·7	82·4	83·9	28·8	14 20	89·0	4 40	79·9	14
88·2	87·4	86·1	84·7	84·1	83·6	83·3	83·0	83·0	84·2	29·0	14 2	88·9	5 40	80·1	15
89·3	88·4	86·8	86.1	84·5	84·0	83·5	83·2	82·9	84·9	29·4	14 22	90·1	5 20	81.1	16
88·5	87·3	86·0	84·6	84·0	83·8	83·4	83·0	82·9	84·7	29·3	14 21	90·0	3 0	81·1	17
88·4	87·6	86·4	84·7	84·0	83·6	83·5	83·1	82·8	84·7	29·3	14 40	89·0	5 30	81·5	18
88·4	87·7	86·3	84·5	83·6	83·2	82·9	82·5	82·4	84·7	29·3	13 12	89·5	5 6	80·7	19
89·0	87·9	86·4	84·5	83·7	83·4	83·1	82·8	82·6	84·6	29·2	14 20	89·5	4 30	80·4	20
88·3	87·3	85·9	84·1	83·4	83·0	82·9	82·5	82·2	84·3	29·1	13 41	89·5	5 58	80·5	21
88·9	87·9	86·5	84·8	84·3	83·7	83·5	83·2	82·9	84·7	29·3	12 49	89·9	5 30	80·8	22
88·6	87·8	86·5	85·3	84·6	84·1	83·5	83·2	83·2	84·8	29·3	14 8	90·0	4 30	81·0	23
89·4	88·5	87·1	85·7	85·0	84·6	84·2	83·8	83·5	85·5	29·7	14 45	90·2	5 10	82·0	24
88·5	87·9	86·8	85·1	84·5	84·1	83·7	83·5	83·2	84·9	29·4	13 10	89·5	5 30	81·2	25
89·0	88·0	87·1	85·9	85·0	84·6	84·5	84·4	84·0	85·4	29·7	13 26	89·8	5 30	82·0	26
89·4	88·5	87·3	85·8	85·0	84·5	84·1	83·8	83·6	85·7	29·8	13 44	90.0	5 0	82·7	27
88·6	87·8	86·2	85·1	84·6	84·1	83·7	83·5	83·5	85·4	29·7	14 2	89.8	5 0	82·5	28
89·1	87·9	86·8	85·4	84·8	84·3	84·0	83·8	83·6	85·5	29·7	14 25	89·9	5 10	82·5	29
88·8	88·0	86·7	85·0	84·3	84·0	83·7	83·6	83·4	85·4	29·7	12 50	90·0	5 40	82·4	30
88·7	88.0	86.9	85·5	84·8	84·5	84·3	84·1	84·0	85·6	29·8	14 39	90·5	5 0	82·5	31
88·3	87·4	86·1	84·5	83·9	83·4	83·1	82·8	82·6	84·4	29·1					Mean.
+3·9	+3·0	+1·7	+0·1	—0.5	—1·0	—1·3	—1·6	—1·8							Variation.
31·3	30·8	30·1	29·2	28·8	28·6	28·4	28·2	28·1							Mean in °C.
+2·2	+1·7	+1·0	+0·1	—0·3	—0·5	—0·7	—0·9	—1·0							Variation in °C

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90·0	88·8	87·2	85·6	85·0	84·5	84·4	84·0	83·7	86·1	30·1	13 7	90·5	5 30	83·0	1
89·3	88·7	87·6	85·9	85·1	84·7	84·5	84·5	84·4	85·7	29·8	13 25	90·0	4 55	82·1	2
90·1	89·0	87·5	86·2	85·7	85·0	84·7	84·5	84·4	86·4	30·2	13 30	90·8	5 40	83·1	3
89·7	89·1	87·9	86·5	85·8	85·3	85·0	84·7	84·4	86·2	30·1	13 40	90·6	5 0	83·4	4
90·0	89·3	87·8	85·5	85·9	85·4	85·3	85·0	84·7	86·2	30·1	14 30	90·9	5 10	83·3	5
90·5	89·9	88·6	87·5	86·9	86·5	86·4	86·3	86·0	86·7	30·4	16 15	91·0	5 37	82·3	6
91·0	98·7	87·9	87·5	87·0	86·4	86·0	85·8	85·5	87·4	30·8	12 5	91·5	5 29	83·7	7
90·2	89·7	88·5	87·2	86·7	86·4	86·0	85·7	85·4	86·6	30·3	14 13	90·8	8 10	83·5	8
90·0	89·6	88·4	86·8	86·0	85·5	85·1	84·9	84·8	86·5	30·3	14 5	90·6	4 24	83·0	9
89·6	89·2	87·8	86·6	86·0	85·5	85·4	85·0	84·9	86·0	30·0	14 30	90·3	8 39	83·0	10
89·9	89·5	88·5	87·1	86·4	86·0	85·6	85·5	85·4	86·5	30·3	13 0	91·4	5 26	81·0	11
89·1	88·4	87·3	87·0	86·4	85·9	85·5	85·4	85·3	86.2	30·1	14 5	89·9	8 5	83·5	12
89·5	89·0	88·0	85·5	83·5	81·7	81·7	81·9	82·3	85·3	29·6	15 10	89·7	5 5	81·1	13
85·4	85·0	84·5	84·1	83·8	83·4	83·5	82·7	82·6	82·9	28·3	13 30	86·5	4 10	79·4	14
84·6	85·0	84·7	84·0	83·6	83·5	83·4	83·3	83·2	83·7	28·7	12 30	87·9	5 40	80·0	15
88·0	85·0	83·5	82·7	82·0	82·2	82·3	82·1	82·3	83·8	28·8	15 20	89·0	5 50	81·4	16
83·5	79·4	79·0	79·0	79·5	79·7	79·7	79·7	79·8	81·8	27·7	13 32	88·5	4 40	80·0	17
83·8	84·8	84·5	84·4	84·4	84·4	84·5	84·5	82·3	82·4	28·0	11 40	85·6	4 20	78·8	18
79·4	79·5	78·4	77·4	77·2	77·0	77·4	77·6	77·7	78·6	25·9	1 50	83·4	8 40	76·5	19
81·4	81·0	80·5	81·3	80·5	80·1	79·6	78·6	78·6	80·7	27·1	12 15	84·6	0 1	77·5	20
84·9	83·7	83.5	83·1	82·0	82·4	82·0	80·7	80·5	81·7	27·6	14 57	85·7	4 0	78·3	21
85·5	84·7	81·8	79·3	79·8	79·5	79·3	78·8	77·7	82·4	28·0	13 10	87·5	23 0	77·2	22
79·1	79·5	79·8	81·7	82·2	82·3	82·2	80·9	81·5	78·9	26·1	20 30	82·5	4 15	76·6	23
86·0	86·0	85·5	84·5	84·0	83·6	83·5	83·5	83·4	83·1	28·4	16 0	86·1	9 40	80.0	24
80·8	80.9	80·5	80·4	80·4	80·9	80·6	80·6	80·6	80·7	27·1	16 12	81·3	9 0	78·0	25
84·4	84·0	83.0	82·8	82·4	81·4	81·0	80·8	80·7	81·3	27·4	14 33	85·0	1 43	77·4	26
84·0	84·1	83·8	83·4	83·2	82·8	82·7	82·6	82·2	82·4	28·0	11 25	85·5	3 0	80·3	27
83·7	80·4	81·1	81·3	81·1	80·9	81·0	80·0	79·5	81·5	27·5	12 40	84·5	22 40	79·4	28
84·4	84·2	83·9	83·4	83.3	83·0	82·6	82·0	82·1	82·7	28·2	12 50	85·0	4 32	79·2	29
81·4	80·8	80·9	80·7	80·4	80·2	80·1	80·4	80·0	81·4	27·4	9 41	84·0	23 30	79·6	30
86·2	85·6	84·7	83·9	83·5	83·2	83·0	82·7	82·5	83·7	28·7					Mean.
+2·5	+1·9	+1·0	+0·2	—0·2	—0·5	—0·7	—1·0	—1·2							Variation.
30·1	29·8	29·3	28·8	28·6	28·4	28·3	28·2	28·1							Mean in°C.
+1·4	+1·1	+0·6	+0·1	—0·1	—0·3	—0·4	—0·5	—0·6							Variation in °C

AIR TEMPERATURE, 1935.

(Averages for sixty minutes from full hour to full hour of local mean time.)

JULY. (IN DEGREES FAHRENHEIT.)

Date.	Hours (B.M.T.)															
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	80·0	79·8	78·7	78·0	78·7	78·9	79·0	79·2	79·8	80·1	79·9	80·9	81·9	80·0	79·6
2	80·0	79·7	78·2	78·6	78·5	78·2	78·7	79·8	80·5	80·1	81·8	81·8	82·7	82·7	83·0
3	80·5	80·4	80·3	80·0	79·8	79·8	80·1	80·6	81·7	81·7	81·2	81·2	80·7	82·1	82·0
4	77·7	77·0	77·9	77·7	77·9	77·9	77·3	77·5	79·1	79·8	79·8	78·5	76·1	76·4	77·0
5	78·6	78·2	78·1	78·4	78·6	78·9	78·6	78·7	79·6	80·6	80·8	81·0	82·0	81·5	81·2
6	80·5	80·4	80·5	78·3	78·5	79·2	80·5	79·3	79·3	79·8	79·8	80·4	79·5	79·9	80·9
7	81·2	81·1	78·9	78·6	77·6	78·0	78·0	79·1	79·2	81·2	83·0	83·9	83·7	82·7	81·2
8	79·0	79·2	79·0	81·0	81·5	81·6	81·7	82·2	82·8	83·0	84·3	84·8	85·3	85·3	85·3
9	82·1	81·9	82·1	82·1	82·1	82·3	82·4	82·6	83·5	84·0	84·7	85·0	85·4	84·4	84·5
10	81·1	81·4	81·5	81·7	81·9	82·0	82·2	82·5	83·1	83·5	84·4	83·9	85·1	85·0	84·5
11	82·0	81·6	80·6	80·5	81·4	80·7	81·3	81·8	82·7	83·4	83·6	83·8	84·6	84·6	84·8
12	82·0	82·0	81·9	81·8	81·6	81·6	81·9	82·2	82·9	81·8	83·8	84·7	84·5	85·0	85·1
13	81·4	80·9	80·6	81·0	81·1	81·1	81·5	82·0	83·0	83·0	84·4	85·2	85·4	85·8	85·7
14	81·6	81·5	81·5	81·4	81·5	81·0	81·0	81·7	80·0	80·2	81·9	82·0	81·5	82·6	83·7
15	81·8	81·6	81·0	81·5	81·1	80·9	81·1	81·9	83·3	84·0	84·9	85·5	85·8	85·5	85·4
16	81·4	81·5	81·5	81·5	81·4	81·5	81·6	82·0	83·0	83·4	84·6	85·0	84·0	81·5	83·0
17	81·5	81·0	81·0	80·3	79·8	80·5	80·7	81·5	79·9	80·8	81·1	81·8	83·1	81·2	82·0
18	78·5	77·7	77·0	77·5	76·7	76·8	77·9	78·7	79·9	80·8	82·0	82·5	82·6	82·6	83·0
19	81·5	81·5	81·5	81·5	81·5	80·0	79·0	78·4	79·6	80·5	81·1	81·5	79·5	79·6	79·6
20	80·4	80·5	80·7	80·5	80·4	79·5	79·2	79·2	76·8	77·7	78·9	77·0	76·9	78·0	77·5
21	80·5	80·4	80·5	80·5	80·3	80·0	79·2	79·4	79·6	79·8	81·0	81·2	81·5	81·8	81·7
22	80·8	80·8	80·5	80·0	78·9	79·0	79·4	80·0	81·6	82·7	83·7	83·9	83·9	83·9	83·2
23	81·0	81·0	81·0	81·0	81·0	81·0	80·4	81·0	81·8	82·1	82·1	82·6	82·7	82·8	81·5
24	79·7	80·1	79·9	80·3	80·5	80·5	80·7	81·1	81·1	81·5	82·5	83·3	83·9	84·3	83·1
25	80·6	80·5	80·0	80·4	80·4	80·1	80·5	80·3	80·2	81·2	81·8	82·5	82·8	82·9	82·3
26	79·9	79·7	79·9	80·4	80·5	80·6	80·6	79·3	79·1	81·5	82·0	82·5	82·3	82·2	82·4
27	81·0	80·9	80·8	80·7	80·5	80·7	80·9	81·1	81·5	82·3	83·5	83·9	84·5	84·6	84·6
28	81·2	81·2	79·8	79·5	78·0	79·0	79·8	80·2	81·0	80·1	80·0	79·5	81·6	83·1	82·0
29	81·3	81·0	86·5	80·5	79·5	80·0	79·7	80·5	80·4	80·7	81·8	82·6	79·0	80·7	81·5
30	78·3	78·5	79·0	79·0	79·5	79·5	80·1	80·5	80·6	81·5	82·3	82·8	82·8	83·1	82·3
31	80·0	80·1	79·7	79·6	80·1	80·1	80·0	80·1	80·8	81·8	83·0	83·0	83·7	84·4	84·1
Mean . .	80·6	80·4	80·1	80·1	**80·0**	80·0	80·2	80·5	80·9	81·4	82·2	82·5	82·5	**82·6**	82·6
Variation. .	—0·6	—0·8	—1·1	—1·1	—1·2	—1·2	—1·0	—0·7	—0·3	+0·2	+1·0	+1·3	+1·3	**+1·4**	+1·3
Mean in °C .	27·0	26·9	26·7	26·7	**26·7**	26·7	26·8	26·9	27·2	27·4	27·9	28·1	28·1	**28·1**	28·1
Variation in °C .	—0·3	—0·4	—0·6	—0·6	**—0·6**	—0·6	—0·5	—0·4	—0·1	+0·1	+0·6	+0·8	+0·8	**+0·8**	+0·8

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1	80·3	80·4	80·5	80·0	80·0	80·2	80·4	80·9	81·4	81·5	82·0	82·1	79·6	80·1	81·4
2	80·8	80·5	80·6	80·6	80·5	80·5	80·6	81·2	81·6	82·3	83·0	83·8	83·3	83·8	84·0
3	81·0	80·9	80·4	80·3	80·2	79·5	79·6	79·3	78·8	79·5	80·2	80·9	81·5	81·7	82·1
4	79·2	79·4	79·3	79·0	78·0	78·7	79·3	80·0	81·3	82·0	82·8	83·1	83·4	83·4	84·0
5	80·8	79·6	79·6	80·0	80·0	79·3	79·8	80·5	81·7	83·3	84·5	84·6	84·1	**84·8**	84·7
6	80·5	80·4	80·5	80·5	80·2	80·4	80·4	80·9	81·7	82·8	82·7	83·3	83·2	82·5	82·2
7	80·6	80·3	80·4	80·5	80·5	80·5	80·5	80·7	81·5	82·3	83·0	83·0	84·4	84·2	83·9
8	79·6	79·7	79·6	79·7	79·6	79·4	79·5	80·0	80·7	79·5	81·9	83·1	83·4	84·1	83·9
9	80·5	80·5	80·5	80·5	80·4	79 5	77·7	79·5	81·0	81·4	81·3	82·0	80·0	81·0	82·3
10	80·5	80·5	80·3	80·4	80·0	80·1	80·5	80·7	80·1	80·2	81·3	82·0	83·3	82·9	82·8
11	79·1	79·7	79·9	80·0	80·2	80·3	80·4	80·7	80·8	81·4	82·5	83·4	83·3	82·9	83·4
12	80·5	80·5	80·4	80·3	80·3	80·4	80·1	79·3	81·0	81·5	81·1	81·7	82·0	82·2	82·5
13	80·3	80·2	80·2	79·6	79·3	79·2	77·3	79·0	80·2	81·0	82·0	82·5	83·0	83·5	83·1
14	80·4	80 2	80·1	80·0	80·0	80·0	80·1	80·3	81·1	81·8	82·8	83·0	84·0	83·9	83·5
15	80·5	80·4	79·7	78·6	79·3	78·2	78·2	79·1	80·8	81·6	83·0	83·6	83·9	84·4	84·0
16	80·5	80·4	79·2	78·9	79·3	79·0	79·1	79·7	81·5	81·7	81·9	82·7	83·0	83·0	79·5
17	79·3	79·5	79·4	78·6	78·2	77·6	78·4	79·4	78·0	77·6	79·6	78·8	81·5	80·5	80·2
18	77·2	77·6	78·0	78·4	77·2	77·3	77·3	77·7	78·6	79·4	77·9	79·1	79·9	78·4	79·6
19	76·1	76·5	76·5	76·5	76·4	76·2	76·5	76·6	76·9	77·9	78·1	78·4	79·1	79·7	80·8
20	78·0	78·0	77·8	77·7	78·0	78·0	78·3	79·5	80·2	81·1	82·2	82·6	83·5	83·4	83·5
21	79·7	79·6	79·5	79·5	79·4	79·5	79·5	79·7	81·3	81·8	82·6	83·3	83.6	84·0	84·0
22	79·8	79·7	79·6	79·6	79·5	79·5	79·5	79·6	81·2	82·5	83·4	83·1	84·1	84·4	83·2
23	80·3	80·0	79·7	79·5	79·5	79·5	79·7	80·3	81·6	82·6	83·5	84·2	84·2	83·2	83·2
24	78·7	78·8	79·0	79·0	79·0	79·1	79·0	78·5	78·6	78·5	78·4	76·9	76·6	77·3	77·0
25	78·0	78·0	77·9	77·4	77·4	77·4	77·4	76·6	76·5	76·2	76·5	77·0	78·4	79·5	80·5
26	79·2	79·0	79·2	79·3	79·1	79·1	79·3	79·7	79·5	79·3	80·5	82·2	83·6	84·4	84·3
27	79·6	79·5	79·6	79·6	79·4	79·3	77·9	78·0	79·7	81·1	82·5	83·6	83·2	82·3	81·8
28	80·4	79·9	79·1	79·3	79·0	79·5	79·5	79·7	80·8	81·5	83·0	82·0	81·7	80·4	80·6
29	75·3	**74·8**	75·8	75·5	76·1	76·5	76·6	77·0	77·6	79·4	78·5	78·9	79·6	79·7	79·7
30	77·5	77·5	77·8	78·0	78·0	78·0	78·1	78·5	79·5	79·6	81·0	82·0	83·0	83·5	83·8
31	79·5	79 3	79·2	79·5	79·3	79·0	78·6	78·5	79·0	79·5	79·6	79·6	79·9	80·6	80·6
Mean . .	79·5	79·4	79·3	79·2	79·1	79·1	**79·0**	79·4	80·1	80·7	81·4	81·8	82·2	82·2	**82·3**
Variation. .	—0·9	—1·0	—1·1	—1·2	—1·3	—1·3	**—1·4**	—1·0	—0·3	+0·3	+1·0	+1·4	+1·8	+1·8	**+1·9**
Mean in °C .	26·4	26·3	26·3	26·2	26·2	26·2	**26·1**	26·3	26·7	27·1	27·4	27·7	27·9	27·9	**27·9**
Variation in °C.	—0·5	—0·6	—0·6	—0·7	—0·7	—0·7	**—0·8**	—0·6	—0·2	+0·2	+0·5	+0·8	+1·0	+1·0	**+1·0**

(Averages for sixty minutes from full hour to full hour of local mean time.)

JULY. (IN DEGREES FAHRENHEIT.)

Hours (B. M. T.).									Mean.	Mean.	Maximum.		Minimum.		Date.
15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24		in °C.	Time.	Mag.	Time.	Mag.	
											H. M.		H. M.		
79·9	80·6	81·0	80·8	80·5	80·6	80·9	80·7	80·5	80·7	26·7	12 32	82·5	3 15	77·7	1
83·5	83·1	82·0	81·0	80·5	80·7	80·8	81·0	80·8	80·7	27·1	16 15	83·6	2 40	77·5	2
82·0	82·4	81·9	80·7	80·5	79·5	78·9	78·9	79·1	80·7	27·1	9 5	82·8	10 5	79·5	3
77·2	77·7	77·6	77·5	77·8	78·0	78·2	78·5	78·6	**77·9**	**25·5**	9 50	80·3	1 18	**75·8**	4
81·8	82·2	81·7	79·7	80·0	80·1	80·5	80·8	80·4	80·1	26·7	13 17	82·8	1 58	77·9	5
79·0	79·5	79·0	79·0	80·0	80·6	81·0	81·3	81·1	79·9	26·6	15 0	81·4	18 58	77·5	6
81·6	82·3	81·8	81·4	81·3	81·2	80·5	81·4	80·0	80·7	27·1	12 15	84·5	8 20	77·4	7
85·2	84·2	83·8	83·3	82·7	81·5	82·5	82·5	82·5	82·7	28·2	13 50	85·5	1 55	78·3	8
84·5	84·0	83·5	83·0	81·8	79·2	78·8	79·2	79·3	82·6	28·1	12 20	85·5	20 48	78·1	9
83·6	83·5	83·2	82·6	82·7	82·7	82·4	81·3	81·0	82·8	28·2	13 10	85·5	22 2	79·5	10
84·5	84·0	83·5	83·0	82·7	82·5	82·5	82·4	82·3	82·7	28·2	13 0	85·0	5 55	78·9	11
85·1	84·3	83·3	82·6	82·5	81·1	81·0	81·3	81·5	82·7	28·2	13 50	85·5	21 50	80·5	12
85·5	85·0	84·0	83·7	82·5	82·0	81·8	82·0	81·9	**82·9**	**28·3**	13 22	85·9	2 39	80·0	13
83·5	83·8	83·1	82·5	82·5	82·3	82·2	82·0	81·9	82·0	27·8	14 50	84·1	8 24	79·4	14
84·7	83·1	83·0	82·6	81·5	81·8	82·0	82·0	80·9	82·8	28·2	12 55	**86·0**	23 34	79·6	15
83·0	82·6	82·0	81·5	82·0	81·6	82·1	82·0	81·8	82·3	27·9	12 13	85·7	13 15	80·3	16
81·1	78·7	78·9	80·1	81·0	79·6	80·0	79·7	78·0	80·6	27·0	12 40	83·5	23 30	77 5	17
82·2	81·1	81·7	81·6	81·6	81·3	81·4	81·5	81·4	80·4	26·9	14 30	83·4	4 10	76·5	18
80·2	80·4	80·5	78·1	78·2	79·7	80·0	80·2	80·1	80·2	26·8	11 35	81·5	18 40	76·0	19
78·0	77·6	78·0	78·0	79·2	80·0	80·4	80·5	80·5	79·0	26·1	3 25	81·1	13 0	76·5	20
81·5	81·5	81·5	81·3	81·1	80·8	80·6	80·4	80·5	80·7	27·1	14 10	82·6	6 20	79·0	21
83·0	83·0	82·5	82·0	81·6	81·5	81·4	81·4	81·1	81·7	27·6	13 11	84·4	5 0	78·6	22
80·6	81·0	81·0	80·9	81·0	81·0	80·9	80·7	80·6	81·3	27·4	13 5	83·6	6 35	80·0	23
81·6	80·2	80·5	81·0	81·0	80·1	80·3	80·6	80·7	81·2	27·3	13 5	84·6	2 16	79·4	24
83·0	82·8	82·4	82·0	81·7	81·7	81·1	80·1	79·8	81·3	27·4	12 50	83·1	2 25	79·3	25
82·5	82·0	81·6	81·5	81·3	81·1	81·1	81·1	81·0	81·1	27·3	13 20	82·7	6 5	78·4	26
84·3	83·5	82·9	82·2	82·0	81·6	81·6	81·5	81·3	82·2	27·9	13 24	84·8	5 0	80·5	27
82·5	80·5	80·5	81·3	81·4	81·4	81·5	81·4	81·3	80·7	27·1	13 58	83·5	4 10	76·8	28
79·9	79·8	80·5	80·5	79·5	80·0	80·0	79·6	78·8	80·3	26·8	11 55	83·0	12 30	78·0	29
82·1	81·0	80·7	80·4	80·5	80·5	80·3	79·8	79·8	80·6	27·0	13 10	84·0	1 5	77·9	30
84·0	83·2	82·5	81·6	81·0	80·7	80·7	80·1	80·2	81·4	27·4	13 25	84·5	2 20	79·3	31
82·3	81·9	81·6	81·2	81·1	80·9	80·9	80·8	80·6	81·2	27·3					Mean.
+1·1	+0·7	+0·4	+0·0	—0·1	—0·3	—0·3	—0·4	—0·6							Variation.
27·9	27·7	27·6	27·3	27·3	27·2	27·2	27·1	27·0							Mean in °C.
+0·6	+0·4	+0·3	0·0	0·0	—0·1	—0·1	—0·2	—0·3							Variation in °C.

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81·6	81·6	81·3	81·1	81·0	81·0	81·0	81·0	81·0	80·9	27·2	11 0	83·0	12 40	78·5	1
83·7	83·5	82·9	81·7	81·4	81·2	81·1	81·1	81·1	81·9	27·7	12 0	84·5	5 30	80·4	2
81·8	81·4	81·3	80·9	80·5	80·4	79·8	80·2	80·3	80·5	26·9	14 16	82·2	5 44	78·5	3
84·1	83·3	82·3	80·7	80·4	80·3	80·4	80·5	80·6	81·0	27·2	14 11	84·5	4 15	77·4	4
84·2	83·5	82·6	81·9	81·5	81·6	81·5	81·0	80·9	**81·9**	**27·7**	13 20	**85·3**	1 40	78·0	5
82·3	81·9	81·5	81·4	81·0	80·5	80·5	80·6	80·5	81·4	27·4	12 14	83·6	4 18	80·0	6
83·0	82·1	81·8	81·5	81·3	81·0	80.0	79·4	79·2	81·4	27·4	12 59	84·6	21 50	78·6	7
83·5	83·0	82·4	81·7	81·5	81·1	81·0	80·7	80·6	81·2	27·3	13 45	84·5	5 3	79·0	8
81·7	81·6	81·4	81·1	81·0	80·9	80·7	80·7	80·6	80·7	27·1	14 25	82·6	6 0	77·0	9
82·5	82·2	81·7	81·2	81·1	81·0	81·0	80·9	80·0	81·1	27·3	12 39	83·5	23 57	78·4	10
84·0	83·2	82·1	81·5	81·2	81·0	80·9	80·5	80·5	81·4	27·4	15 10	84·5	0 2	78·4	11
82·0	82·1	81·5	81·0	80·8	80·6	80·5	80·4	80·3	81·0	27·2	14 15	83·0	7 15	78·5	12
82·2	81·9	81·5	81·0	80 6	80·5	80·5	80·5	80·5	80·8	27·1	14 9	84·5	6 26	76·8	13
83·4	82·9	82·0	81·4	81·0	80·5	80·5	80·5	80·4	81·4	27·4	13 0	84·6	4 0	79·9	14
83·3	82·8	82·1	81·2	80·9	81·0	80·6	80·5	80·5	81·2	27·3	13 20	84·5	5 50	77·7	15
80·0	80·2	78·9	80·0	79·7	79·6	79·6	79·6	79·5	80·3	26·8	13 15	83·6	14 30	77·8	16
80·6	80·5	79·0	79·2	77·4	74·4	77·5	78·0	77·5	78·9	26·1	13 15	82·5	19 50	76·5	17
80·2	80·0	79·2	78·6	78·5	78·1	77·6	76·7	76·2	78·3	25·7	15 40	80·5	23 50	76·0	18
80 6	80·7	80·0	79·0	78·6	78·5	78·1	78·1	78·1	78·1	25·6	14 45	81·0	0 2	76·0	19
83·5	83·4	82·5	81·3	80·6	79·9	79·0	79·0	79·0	80·4	26·9	13 0	84·0	2 40	77·5	20
83·9	82 9	82·0	81·4	81·1	80·8	80·5	79·3	79·8	81·2	27·3	13 35	84·5	22 10	79·0	21
82·9	83·0	81·6	81·4	81·2	81·0	80·7	80·7	80·6	81·3	27·4	13 15	84·6	7 0	79·3	22
83·5	82·7	81·0	81·1	81·0	79·0	78·6	79·4	78·5	81·1	27·3	12 15	85·0	21 20	78·0	23
76·5	78·0	78·4	78·0	77·8	78·0	77·8	77·8	77·9	78·1	25·6	5 0	79·2	15 0	75·3	24
81·6	81·2	80·9	79·9	79·6	79·5	79·3	79·0	79·2	78·5	25·8	15 50	82·1	9 40	76·0	25
83·9	83·2	82·0	80·7	80·5	80·1	80·1	79·8	79·5	80·7	27·1	13 10	84·5	9 48	78·9	26
81·8	81·9	81·5	80·7	80·8	80·6	80·6	80·5	80·5	80·6	27·0	12 10	83·6	7 0	77·5	27
81·6	80·4	80·0	80·0	80·1	80·3	80·3	78·6	77·0	80·2	26·8	10 51	83·5	23 58	76·0	28
79·2	78·4	78·7	79·0	79·4	78·6	78·5	77·6	77·5	**77·8**	**25·4**	13 58	80·5	1 30	**74·3**	29
83·0	82·1	81·2	80·6	79·5	79·4	79·4	79·5	79·5	80·0	26·7	14 20	84·4	0 2	77·4	30
80·9	80·5	79·2	78·5	78·6	78·7	78·8	78·6	78·5	79·3	26·3	13 20	81·5	7 10	78·2	31
82·2	81·8	81·1	80·6	80·3	80·1	79·9	79·7	79·5	80·4	26·9					Mean.
+1·8	+1·4	+0·7	+0·2	—0·1	—0·3	—0·5	—0·7	—0·9							Variation.
27·9	27·7	27·3	27·0	26·8	26·7	26·6	26·5	26·4							Mean in °C.
+1·0	+0·8	+0·4	+0·1	—0·1	—0·2	—0·3	—0·4	—0·5							Variation in °C.

(Averages for sixty minutes from full hour to full hour of local mean time.)

SEPTEMBER. (IN DEGREES FAHRENHEIT.)

Date.	Hours (B. M. T.)														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	78·4	78·2	78·0	77·5	77·4	77·6	77·4	77·0	77·1	77·3	77·9	78·5	78·0	78·0	79·2
2	78 1	78·2	77·8	78·0	78·2	77·9	77·5	78·0	79·3	79·3	79·4	78·2	78·2	78·9	79·3
3	78·7	78·8	79·0	78·8	78·3	78·5	78·9	79·0	80·6	81·9	82·5	83·5	83·9	84·4	84·1
4	79·5	79·4	79·0	79·0	79·1	78·9	78·6	78·7	80·0	80·8	82·4	82·7	83·4	83·7	84·2
5	79·5	79·5	79·4	79·0	78·8	78·8	78·9	79·4	80·2	81·3	82·5	83·7	84·0	84·2	84·0
6	79·9	79·5	78·1	78·0	78·7	79·3	79·5	80·5	81·5	82·4	83·3	83·4	82·1	79·3	80·0
7	80·0	79·5	79·5	79·6	79·5	78·5	78·4	79·5	81·4	81·6	80·0	77·8	79·7	79·7	79·2
8	77·0	77·4	76·7	76·7	76·5	76·4	77·1	78·1	79·5	80·4	81·5	82·6	82·6	83·0	83·3
9	79·8	79·7	79·7	79·6	79·6	79·6	79·7	80·1	81·5	81·6	81·7	81·9	82·5	82·0	82·0
10	79·9	79·8	79·7	79·5	79·6	79·7	79·0	79·5	79·7	79·4	78·9	80·4	80·5	80·0	76·8
11	76·0	76·0	76·1	76·5	77·5	78·0	76·2	76·5	77·5	77·5	77·7	77·8	77·5	77·5	78·6
12	76·3	76·0	75·6	75·1	74·5	**74·4**	74·8	75·0	75·5	76·3	76·9	77·2	76·8	76·3	76·1
13	**76·3**	76·4	76·2	76·3	76·0	76·1	76·4	76·8	77·5	78·8	79·0	79·3	79·4	80·0	80·0
14	77 4	77·5	77·5	77·5	77·4	77·2	76·9	76·8	76·8	77·2	78·1	78·4	78·2	78·0	78·3
15	77·1	77·2	77·0	77·1	77·0	77·0	77·2	77·6	79·3	80·1	81·3	81·9	82·0	83·0	82·6
16	78·0	78·1	78·2	78·3	78·6	78·6	79·4	79·4	79·4	79·5	79·9	79·5	78·4	79·2	78·3
17	78·0	78·0	77·9	77·6	78·0	78·0	78·3	78·8	79·5	80·9	81·4	81·7	82·5	83·1	83·4
18	78·4	78·4	78·5	78·4	78·3	78·2	78·5	79·4	80·8	81·5	82·2	82·9	83·5	83·7	83·4
19	78·6	78·5	78·5	78·4	78·0	77·8	78·0	79·1	80·5	81·8	82·5	83·1	83·5	83·5	83·6
20	79·0	78·7	78·3	78·0	77·8	77·6	77·7	79·0	80·6	81·1	81·9	82·7	83·3	83·6	83·7
21	78·5	78·5	78·5	78·3	78·1	78·1	78·2	79·0	79·9	81·5	81·5	83·0	83·6	82·7	83·1
22	79·0	79·0	78·3	77·9	77·5	77·3	77·6	78·5	79·8	81·3	82·2	82·9	83·0	82·8	82·5
23	77·8	77·6	77·9	77·6	77·4	77·1	77·2	77·9	79·4	80·8	82·0	82 6	83·1	83·5	83·6
24	78·5	78·0	77·9	77·5	77·3	77·0	77·2	78·0	79·4	80·5	81·9	82·8	83·4	83·8	83·8
25	80·0	79·3	79·0	78·6	78·4	78·4	77·7	76·8	78·2	79·8	81·8	80·5	82·0	82·4	82·5
26	77·4	77·6	77·5	77·4	77·5	77·5	78·0	78·9	79·6	81·0	82·0	82·4	83·2	83·7	83·8
27	77·5	77·5	77·4	76·9	76·3	76·3	76·5	77·5	79·2	80·1	81·3	81·7	82·5	83·4	83·5
28	77·6	77·0	77·4	77·1	76·2	75·4	76·5	77·8	79·1	80·6	81·2	82·2	83·0	83·6	83·5
29	78·7	78·3	77·8	77·5	77·6	77·4	78·0	79·5	81·4	81·0	81·3	83·0	83·9	84·6	**84·7**
30	78·7	78·5	78·3	78·5	78·3	78·0	78·3	79·5	80·6	81·1	82·5	83·4	84·0	84·5	84·5
Mean .	78·3	78·2	78·0	77·9	77·8	**77·7**	77·8	78·4	79·5	80·3	81·0	81·4	81·7	**81·9**	81·9
Variation .	—1·2	—1·3	—1·5	—1·6	—1·7	—1·8	—1·7	—1·1	0·0	+0·8	+1·5	+1·9	+2·2	+2·4	+2·4
Mean in °C. .	25·7	25·7	25·6	25·5	25·4	**25·4**	25·4	25·8	26·4	26·8	27·2	27·4	27·6	**27·7**	27·7
Variation in °C.	—0·7	—0·7	—0·8	—0·9	—1·0	—1·0	—1·0	—0·6	0·0	+0·4	+0·8	+1·0	+1·2	+1·3	+1·3

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1	78·8	78·8	78·5	78·5	78·5	78·1	78·2	78·7	80·1	80·8	82·0	83·3	84·3	84·6	84·4
2	78·2	77·7	77·5	77·7	77·5	77·6	78·5	79·1	80·9	81·8	83·0	83·9	84·6	85·2	84·2
3	78·3	77·8	77·8	77·9	78·0	78·4	78·5	79·1	80·6	82·2	82·6	83·0	83·8	84·6	84·9
4	78·7	78·6	78·0	77·8	77·6	77·3	78·1	79·3	81·3	83·1	83·9	84·2	85·1	85·3	85·6
5	80·2	80·4	80·3	80·3	80·3	80·2	79·3	79·8	81·0	82·2	83·0	83·9	84·5	85·3	84·6
6	78·7	77·7	77·6	77·8	78·0	77·7	78·1	79·4	81·2	82·3	83·4	83·9	84·7	84·9	85·0
7	79·4	79·3	78·8	78·8	78·9	78·8	79·2	80·8	82·6	83·6	84·7	84·5	85·4	85·5	85·6
8	80·4	80·1	79·8	78·6	78·5	78·5	78·7	80·6	82·2	83·5	85·4	86·6	87·0	87·3	87·5
9	81·3	81·1	81·0	81·0	80·3	79·5	79·5	80·6	82·4	84·4	86·6	88·3	89·1	89·4	89·3
10	79·6	79·4	79·0	78·6	78·4	77·6	78·0	79·6	81·2	82·4	84·0	85·9	87·2	88·0	88·3
11	79·0	78·9	78·2	78·0	77·4	76·9	77·2	79·4	81·2	82·3	83·9	84·8	86·6	88·2	88·1
12	80·4	79·5	78·5	78·4	77·4	77·5	77·8	79·4	81·1	82·6	85·3	87·5	89·5	88·6	88·6
13	80·2	79·5	79·3	78·5	77·3	76·8	77·8	80·0	82·4	84·5	86·7	89·0	91·5	92·3	**93·0**
14	80·4	79·4	79·4	79·0	78·5	78·1	78·8	80·5	82·6	84·2	87·0	89·8	91·9	93·5	93·3
15	80·5	80·4	80·5	80·3	79·5	79·3	79·2	81·5	83·1	84·5	86·6	87·8	88·4	88·5	88·5
16	80·2	79·5	79·5	78·6	79·0	79·1	79·5	81·1	82·5	84·7	87·0	89·3	91·2	89·8	88·0
17	81·5	81·0	80·6	80·5	80·5	80·4	80·5	80·8	82·5	84·0	86·4	88·5	89·5	88·9	87·2
18	81·4	81·1	81·0	80·9	80·5	80·3	80·5	82·0	83·1	84·0	86·2	88·4	89·6	89·5	88·3
19	82·0	81·5	81·4	81·7	81·6	81·5	80·4	82·5	85·1	87·3	89·5	91·5	91·5	90·6	89·0
20	82·4	82·5	82·5	82·3	82·0	80·7	80·5	81·4	83·5	86·0	87·8	90·0	92·5	**93·8**	90·5
21	82·6	82·3	81·8	82·0	82·4	82·0	81·5	82·8	84·8	87·6	89·3	89·8	91·6	92·4	93·2
22	84·4	83·5	82·5	82·2	81·5	81·5	82·5	83·6	85·3	87·6	89·5	90·5	92·5	92·3	90·0
23	81·8	81·4	81·0	81·0	80·5	79·9	79·8	80·5	80·8	81·9	84·1	85·0	85·8	86·2	83·3
24	80·4	80·0	79·7	79·6	80·0	79·8	79·8	80·5	81·8	83·1	84·0	84·5	85·3	85·8	85·9
25	81·0	81·0	80·8	80·6	80·3	80·2	80·3	80·7	81·7	83·5	84·5	84·6	85·0	85·3	84·5
26	81·0	79·7	79·0	79·0	79·2	79·2	79·3	79·4	80·1	81·0	82·6	84·3	84·3	84·1	83·5
27	80·7	79·3	79·2	79·3	79·0	79·0	79·2	80·3	81·5	83·0	83·2	83·7	84·5	84·4	84·4
28	79·6	79·5	79·5	79·4	78·9	79·2	79·8	80·5	81·5	82·0	83·5	81·0	85·1	85·4	85·5
29	78·0	77·8	77·8	78·0	78·2	78·4	78·3	79·5	80·8	82·3	83·2	84·2	84·6	84·7	84·8
30	77·5	77·2	**76·7**	76·8	77·5	77·4	77·9	79·0	80·3	80·8	83·0	82·8	84·5	84·7	84·8
31	79·2	79·2	79·2	78·8	78·3	78·0	78·7	80·5	82·2	83·4	84·5	84·0	84·5	85·5	85·7
Mean .	80·3	79·9	79·6	79·4	79·2	**79·0**	79·2	80·4	82·0	83·5	85·0	86·2	87·3	**87·6**	87·1
Variation .	—2·2	—2·6	—2·9	—3·1	—3·3	—3·5	—3·3	—2·1	—0·5	+1·0	+2·5	+3·7	+4·8	+5·1	+4·6
Mean in °C. .	26·8	26·6	26·4	26·3	26·2	**26·1**	26·2	26·9	27·8	28·6	29·4	30·1	30·7	**30·9**	30·6
Variation in °C.	—1·3	—1·5	—1·7	—1·8	—1·9	—2·0	—1·9	—1·2	—0·3	+0·5	+1·3	+2·0	+2·6	+2·8	+2·5

(Averages for sixty minutes from full hour to full hour of local mean time.)

SEPTEMBER. (IN DEGREES FAHRENHEIT.)

Hours (B.M.T.)									Mean.	Mean in °C.	Maximum.		Minimum.		Date.
15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24			Time.	Mag.	Time.	Mag.	
											H.M.		H.M.		
79·5	79·5	79·4	79·1	79·1	78·2	77·7	77·5	77·9	78·1	25·6	15 50	80·5	13 5	76·5	1
79·3	80·1	78·4	78·5	77·9	78·4	78·6	79·0	79·0	78·6	25·9	16 25	80·5	6 10	77·4	2
83·7	83·3	81·5	80·4	80·3	80·0	79·8	79·7	79·5	80·8	27·1	13 30	84·7	4 10	77·9	3
83·7	83·5	82·4	81·0	80·4	80·0	79·8	79·6	79·6	**80·8**	**27·1**	14 39	84·5	7 40	78·4	4
81·0	82·3	80·4	80·4	80·5	80·4	80·3	80·2	80·1	80·8	27·1	12 40	84·6	3 50	78·5	5
81·5	81·6	81·5	80·4	80·4	80·5	80·5	80·4	80·4	80·5	26·9	11 40	83·7	2 30	77·7	6
76·9	77·5	77·4	78·7	78·1	78·5	77·1	77·2	77·0	78·8	26·0	9 31	82·5	15 50	76·4	7
83·0	82·0	80·5	79·7	79·6	79·4	79·5	79·7	79·7	80·0	26·7	15 27	83·6	5 30	76·2	8
81·5	81·0	80·7	80·5	80·4	80·3	80·4	80·0	79·9	80·7	27·1	12 18	82·5	4 30	79·5	9
77·6	76·4	76·5	76·9	77·5	77·2	76·5	76·1	75·4	78·4	25·8	12 10	81·4	23 35	74·2	10
79·3	79·0	79·0	78·9	79·2	78·4	77·0	77·8	77·5	77·6	25·3	15 00	79·5	6 50	75·5	11
76·5	76·6	76·0	75·5	75·7	76·3	76·6	76·5	76·4	**76·0**	**24·4**	12 10	77·5	6 2	**74·1**	12
80·0	79·8	79·3	78·8	78·5	78·3	77·8	77·5	77·5	78·0	25·6	13 30	80·2	4 30	75·8	13
78·6	78·5	77·7	77·1	76·2	76·5	76·7	77·0	77·2	77·4	25·2	11 10	79·4	19 30	75·5	14
81·4	80·7	80·3	79·5	79·5	79·3	79·1	78·4	78·4	79·3	26·3	13 23	83·4	2 50	76·6	15
77·1	77·0	78·0	78·0	78·1	78·5	78·5	78·0	78·0	78·5	25·8	10 30	80·3	15 45	76·5	16
82·9	82·0	81·0	79·9	79·5	79·0	78·8	78·5	78·5	79·9	26·6	15 10	83·6	3 30	77·5	17
83·5	82·9	81·5	80·4	80·0	79·8	79·6	79·0	79·0	80·5	26·9	13 20	84·0	4 10	78·1	18
83·5	82·7	81·5	80·5	80·0	79·6	79·6	79·2	79·0	80·5	26·9	14 10	83·8	6 10	77·6	19
83·3	82·8	81·5	80·5	80·0	79·6	79·4	79·0	78·7	80·3	26·8	14 14	83·9	5 0	77·5	20
82·9	82·8	81·6	80·7	80·4	80·2	79·7	79·4	79·2	80·4	26·9	12 40	83·8	3 20	78·0	21
83·0	82·4	81·3	79·5	79·2	78·6	78·0	78·0	78·0	79·9	26·6	12 50	83·4	6 10	77·1	22
83·7	83·0	81·8	80·5	79·9	79·4	79·0	79·0	79·0	80·0	26·7	15 20	84·0	6 2	76·8	23
84·0	83·1	82·0	80·9	80·4	80·0	79·8	79·8	79·9	80·3	26·8	15 54	84·1	5 58	77·0	24
83·0	83·0	81·5	80·6	79·7	77·6	77·7	77·7	77·5	79·7	26·5	16 15	83·5	7 10	76·3	25
83·6	82·6	81·2	79·8	79·3	79·0	78·8	78·5	77·9	79·9	26·6	13 55	84·1	4 0	77·0	26
83·6	83·0	81·3	79·8	79·4	79·1	78·9	78·5	78·4	79·6	26·4	14 15	83·9	4 20	75·9	27
83·4	82·3	81·0	79·9	79·5	79·3	79·0	78·9	78·5	79·6	26·4	13 50	84·3	5 50	75·4	28
84·1	83·2	81·8	80·5	80·0	79·6	79·5	79·2	78·9	80·5	26·9	14 28	**85·1**	5 40	77·1	29
84·0	82·8	81·5	80·5	80·2	80·1	79·7	79·2	79·4	80·7	27·1	14 7	84·8	6 30	77·9	30
81·6	81·3	80·3	79·6	79·3	79·0	78·8	78·6	78·5	79·5	26·4					Mean.
+2·1	+1·8	+0·8	+0·1	—0·2	—0·5	—0·7	—0·9	—1·0							Variation.
27·6	27·4	26·8	26·4	26·3	26·1	26 0	25·9	25·8							Mean in °C.
+1·2	+1·0	+0·4	0·0	—0·1	—0·3	—0·4	—0·5	—0·6							Variation in °C.

OCTOBER.

84·0	82·9	81·5	80·3	79·9	79·3	79·0	78·9	78·5	80·5	26·9	12 52	84·8	5 58	77·6	1
83·1	82·5	81·6	81·3	80·5	80·0	80·1	79·9	79·0	80·6	27·0	13 40	85·5	4 20	77·3	2
84·6	83·6	82·0	81·1	80·8	80·3	79·8	79·5	78·8	80·7	27·1	14 4	85·4	2 4	77·4	3
85·0	84·1	82·1	81·3	81·0	80·6	80·4	80·1	80·0	81·2	27·3	14 30	86·0	5 40	77·1	4
84·3	83·2	81·8	81·0	80·7	80·5	79·9	79·5	79·1	81·5	27·5	13 40	85·6	7 0	79·2	5
84·4	83·4	81·8	80·9	80·5	80·0	79·9	79·5	79·4	80·8	27·1	14 35	85·5	6 10	77·5	6
85·5	84·4	83·0	82·2	81·8	81·4	81·3	81·3	81·0	82·0	27·8	14 15	85·7	6 20	79·0	7
87·4	86·6	84·8	83·5	83·4	83·3	83·3	82·9	82·0	83·0	28·3	14 47	87·6	5 15	78·3	8
88·4	86·5	84·4	82·6	82·4	81·4	81·4	81·0	80·4	83·4	28·6	14 40	89·9	6 30	79·2	9
88·0	86·5	84·6	82·6	81·7	81·4	81·0	80·0	78·8	82·2	27·9	14 40	88·5	5 20	77·5	10
87·8	86·4	84·6	82·6	82·3	81·7	81·0	80·4	80·1	82·0	27·8	14 10	88·7	6 20	76·5	11
88·2	86·6	84·4	82·8	82·1	82·3	81·6	80·8	80·4	82·6	28·1	12 45	89·8	6 20	77·0	12
93·3	92·2	89·0	85·8	84·0	82·8	82·4	81·3	80·8	84·2	29·0	15 30	93·5	5 46	76·7	13
89·8	86·8	85·0	83·9	83·3	82·8	82·5	82·1	80·8	83·9	28·8	14 20	**94·4**	6 20	78·0	14
88·2	86·4	84·5	83·4	83·1	82·8	81·6	81·5	80·5	83·4	28·6	13 30	89·0	6 10	79·0	15
87·7	85·2	84·4	83·5	83·0	82·5	82·5	82·0	81·5	83·4	28·6	12 30	91·8	3 35	78·4	16
86·0	86·0	84·2	83·0	82·5	82·5	82·2	81·5	81·5	83·4	28·6	12 50	90·1	5 30	80·2	17
87·5	86·0	85·0	84·5	84·4	84·3	83·5	82·5	82·3	84·0	28·9	12 50	90·4	5 35	80·1	18
87·8	88·6	86·3	85·4	85·0	84·5	83·7	83·0	82·4	85·1	29·5	12 8	92·8	6 32	80·2	19
86·6	85·5	85·0	84·5	84·6	83·8	82·9	83·0	83·0	84·9	29·4	13 55	94·2	6 20	80·3	20
92·6	88·0	86·5	85·5	85·5	86·3	85·8	85·2	84·8	**86·1**	**30·1**	14 15	93·6	6 30	81·4	21
87·5	86·5	84·9	84·3	84·5	84·5	85·0	83·7	82·7	85·5	29·7	13 14	93·2	4 28	81·4	22
81·2	81·5	81·5	81·5	81·5	81·5	81·4	80·9	80·5	81·9	27·7	13 25	86·4	5 25	79·5	23
84·7	83·8	82·8	82·1	81·9	81·9	81·7	81·5	81·3	82·2	27·9	14 15	86·5	6 20	79·4	24
83·8	83·0	82·5	82·1	81·8	81·4	81·1	81·5	81·5	82·2	27·9	13 36	85·5	6 05	80·0	25
83·8	83·1	82·3	82·0	82·1	81·8	81·5	80·4	80·5	81·4	27·4	13 5	84·8	4 20	78·6	26
84·5	83·8	82·5	81·6	81·5	81·2	80·5	79·8	79·5	81·5	27·5	13 30	84·6	1 30	78·9	27
84·8	83·5	82·7	76·8	77·0	77·2	77·5	77·7	78·0	80·8	27·1	14 25	85·7	18 30	75·5	28
84·4	83·8	78·4	78·0	78·5	78·0	77·3	76·8	77·5	**80·1**	**26·7**	14 10	84·9	22 40	76·6	29
84·4	83·2	82·0	81·1	80·7	80·5	80·0	79·0	79·0	80·5	26·9	14 40	85·2	3 0	76 5	30
85·0	83·5	82·2	81·5	81·4	81·2	81·0	80·7	80·4	81·6	27·6	14 30	85·9	5 30	77·9	31
86·3	85 0	83·5	82·3	82·0	81·7	81·4	80·9	80·5	82·5	28·1					Mean.
+3·8	+2·5	+1·0	—0·2	—0·5	—0·8	—1·1	—1·6	—2·0							Variation.
30·2	29·4	28·6	27·9	27·8	27·6	27·4	27·2	26·9							Mean in °C.
+2·1	+1·3	+0·5	—0·2	—0·3	—0·5	—0·7	—0·9	—1·2							Variation in °C.

AIR TEMPERATURE, 1935.

(Averages for sixty minutes from full hour to full hour of local mean time.)

NOVEMBER. (IN DEGREES FAHRENHEIT.)

Date.	Hours. (B. M. T.)															
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	79·5	79·3	79·2	78·9	78·5	78·4	78·7	80·3	81·9	83·4	84·5	84·9	85·0	85·2	85·1
2	77·6	77·7	77·0	76·6	76·0	76·3	76·5	77·4	80·8	82·5	84·4	85·3	86·5	87·2	87·3
3	81·5	80 6	80·5	79·8	79·8	79·5	79·3	79·6	81·8	83·2	84·4	86·2	88·5	90·0	89·8
4	80·0	79·5	79·3	79·0	78·0	77·5	77·2	78·5	80·8	82·2	83·8	85·0	85·8	86·8	86·8
5	77·5	76·5	77·0	76·5	76·5	76·3	76·0	77·3	78·5	80·5	82·2	83·5	84·2	84·5	85·0
6	77·5	77·5	77·0	76·4	76·2	76·2	76·4	77·5	78·8	79·8	81·8	82·8	83·8	83·9	84·2
7	77·0	76·7	76·2	76·0	75·2	74·8	75·3	77·2	79·6	81·0	82·4	82·9	83·5	84·2	84·0
8	76·8	76·3	76·0	75·7	75·3	74·8	75·5	77·8	79·8	81·6	83·5	85·0	86·1	87·8	87·2
9	78·8	78·8	77·8	77·5	77·2	76·5	76·4	78·0	80·2	82·2	84·0	85·6	87·5	89·0	89·7
10	78·9	78·1	77·8	77·3	76·8	75·8	76·0	77·6	79·1	81·2	83·6	86·1	88·1	89·2	88·9
11	77·7	76·2	75·5	75·6	75·4	74·5	75·2	77·4	79·6	81·4	83·5	86·0	87·3	86·5	86·0
12	78·5	77·8	77·5	77·4	76·9	76·4	76·2	77·9	79·5	80·8	83·6	85·8	87·6	87·6	86·1
13	77·8	76·5	76·5	76·0	75·0	75·0	74·5	77·1	79·0	81·1	83·2	84·2	85·5	86·5	86·0
14	77·0	77·5	75·6	75·5	75·3	75·0	74·7	76·2	78·1	80·0	82·1	83·4	85·3	87·3	86·6
15	77·2	77·0	76·5	76·4	75·7	74·7	74·5	75·5	76·6	79·1	81·5	83·4	86·5	87·3	86·0
16	75·4	74·5	73·5	73·0	73·4	73·5	73·8	75·4	77·5	79·5	82·6	85·0	87·0	88·4	89·2
17	76·1	76·0	75·5	75·4	74·6	74·0	74·7	76·0	77·5	80·0	82·5	83·8	86·0	88·1	88·6
18	77·0	76·5	76·0	75·5	74 5	74·5	74·8	76·1	78·5	80·5	83·5	85·5	87·8	89·5	90·5
19	77·0	76·5	76·1	75·6	75·5	75·3	74·5	76·3	78·0	80·2	82·8	85·2	87·6	89·0	89·2
20	76·5	76·1	75·5	75·0	74·0	74·0	74·0	75·9	77·5	79·2	81·5	83·6	85·7	87·2	88·1
21	75·5	75·7	75·6	74·5	74·5	73·6	73·6	75·0	77·0	78·8	81·5	84·3	86·8	88·1	88·5
22	76·0	76·0	75·0	74·5	73·8	73·5	73·5	74·6	76·8	78·5	80·3	82·1	84·1	85·2	85·6
23	76·1	75·3	74·5	73·8	74·0	73·5	73·6	75·2	76·5	78·8	80·4	83·0	85·7	86·5	86·5
24	77·2	76·5	76·1	75·6	74·5	74·8	75·0	76·5	77·8	78·8	81·0	84·0	85·9	87·5	87·3
25	77·1	76·1	76·4	75·2	74·5	74·5	74·2	75·6	77·6	79·8	81·8	83·3	85·3	86·8	86·0
26	76·5	76·1	76·0	75·4	75·0	74·5	74·0	75·6	76·8	79·4	81·8	83·5	85·8	87·5	88·2
27	75·5	75·7	75·4	75·3	74·7	74·0	72·8	74·5	75·0	77·8	79·8	81·5	83·5	84·6	85·3
28	76·5	75·5	75·5	75·0	74·4	73·5	73·5	74·2	76·5	78·8	80·8	83·0	84·5	84·5	85·0
29	76·5	76·5	76·0	75·4	74·5	74·5	73·4	74·6	76·5	77·4	79·1	81·0	82·6	84·0	84·0
30	78·2	77·5	76·7	76·5	76·1	75·5	74·8	75·8	78·1	78·5	80·1	81·5	83·9	84·4	84·5
Mean .	77·3	76·9	76·4	76·0	75·5	75·2	75·1	76·6	78·4	80·2	82·3	84·0	85·8	86·8	86·8
Variation .	—2·8	—3·2	—3·7	—4·1	—4·6	—4·9	—5·0	—3·5	—1·7	+0·1	+2·2	+3·9	+5·7	+6·7	+6·7
Mean in °C.	25·2	24·9	24·7	24·4	24·2	24 0	23·9	24·8	25·8	26·8	27·9	28·9	29·9	30·4	30·4
Variation in °C.	—1·5	—1·8	—2·0	—2·3	—2·5	—2·7	—2·8	—1·9	—0·9	+0·1	+1·2	+2·2	+3·2	+3·7	+3·7

DECEMBER.

1	76·1	75·4	75·4	75·0	73·8	74·5	74·4	75·8	77·7	79·5	81·3	83·4	84·3	84·5	84·5
2	75·6	74·7	75·6	74·0	72·9	72·4	72·3	74·0	76·2	77·5	79·4	81·2	82·7	84·0	84·0
3	73·6	73·3	72·6	72·7	72·8	71·8	72·0	73·5	75·9	78·0	80·0	82·0	84·6	84·7	84·6
4	75·0	74 2	74·1	74·3	73·7	73·5	73·2	73·9	76·0	77·6	80·2	82·0	84·5	85·3	85·2
5	74·1	74·9	73·7	73·3	72·6	72·5	72·1	73·0	74·5	76·6	78·3	80·2	82·1	82·8	82·5
6	74·1	73·8	73·0	73·0	73·0	72·6	72·2	72·8	74·1	76·2	77·5	78·7	80·2	81·2	81·4
7	73·4	73·3	73·4	73·5	73·2	73·0	72·7	73·2	74·3	75·7	77·5	79·0	80·1	81·0	81·0
8	73·3	73·3	73·5	73·4	73·2	72·8	72·6	73·5	75·3	76·8	78·8	80·3	80·6	81·4	81·6
9	73·3	73·2	73·4	73·2	73·0	72·7	72·8	73·9	75·3	77·0	78·7	79·6	80·1	80·7	80·9
10	74·4	74·4	73·8	73·2	72·2	72·3	72·4	73·4	75·2	76·0	77·5	79·0	80·1	80·6	81·0
11	74·2	73·5	73·0	73·3	73·2	72·6	72·2	72·4	74·2	75·8	77·4	78·6	79·7	80·7	80·7
12	72·5	72·0	71·7	71·7	72·3	71·6	71·5	72·1	73·6	76·0	78·2	80·0	80·2	80 8	80·6
13	72·5	72·3	71·6	71·2	70·3	70·5	69·4	71·0	72·7	74·8	78·2	79·4	80·2	81·0	81·2
14	71·4	71·4	72·0	72·0	71·6	71·5	72·3	74·3	74·3	76·7	79·3	81·4	82·7	83·4	83·0
15	75·8	75·2	73·7	73·6	73·8	72·7	73·7	74·6	76·2	78·3	80·3	81·4	81·8	82·0	82·3
16	74·4	74·3	73·6	73·6	72·6	72·6	73·3	74·3	76·3	77·4	79·6	81·0	82·7	84·3	84·9
17	76·2	76·1	75·9	73·5	72·7	72·7	72·6	74·0	76·6	78·2	80·4	82·8	83·8	85·3	85·0
18	76·6	75·8	73·6	73·2	73·4	73·3	72·6	72·8	73·7	75·7	77·2	78·8	81·8	83·4	84 3
19	74·6	74·5	74·7	74·6	74·4	74·3	74·3	74·7	76·0	78·3	80·5	83·5	85·6	85·7	86·4
20	74·2	74·3	74·0	73·4	73·0	72·6	72·5	73·8	75·9	78·2	79·2	81·8	84·8	86·7	84·3
21	73·8	72·0	72·6	72·7	71·0	70·5	71·1	72·8	74·0	76·0	78·0	80·0	82·8	84·0	83·8
22	73·7	73·7	73·8	73·6	73·4	73·4	72·7	73·2	75·3	77·3	78·6	79·6	81·3	82·8	83·4
23	73·7	72·5	73·0	72·3	72·4	71·7	71·3	72·3	74·7	77·0	79·1	80·9	83·2	85·4	86·3
24	74·1	72·8	72·4	72·6	72·2	72·1	71·6	72·3	74·9	77·2	79·8	81·7	84·2	84·6	83·8
25	75·2	74·4	73·7	73·6	73·5	73·4	72·5	73·1	75·2	77·5	79·8	82·2	84·8	86.2	85·0
26	76·7	75·3	74·5	73·6	73·4	74·2	74·4	75·1	76·4	78·7	80·3	82·4	85·1	86·8	87·7
27	77·7	77·4	77·6	77·6	77·5	77·3	77·5	77·9	78·2	80·0	81·8	83·0	83·5	84 6	84·6
28	76·7	78·0	77·8	77·6	77·2	76·9	76·5	77·2	78·2	79·6	80·8	81·6	82·3	83·2	83·2
29	74·3	74·5	73·6	73·6	72·7	72·8	72·0	73·3	75·4	77·3	79·3	80·4	81·3	82·0	82·1
30	73·7	73·1	72·0	71·3	71·0	71 2	71·0	71·2	72·8	75·4	77·4	79·3	80·6	81·2	81·0
31	70·8	70·3	70·6	69·8	69·1	68·2	67·5	69·0	72·7	75·7	77·9	80·3	81·5	81·8	81·6
Mean .	74·4	74·0	73·7	73·4	72·9	72·7	72·6	73·5	75·2	77·2	79·1	80·8	82·4	83·3	83·3
Variation .	—2·7	—3·1	—3·4	—3·7	—4·2	—4·4	—4·5	—3·6	—1·9	+0·1	+2·0	+3·7	+5·3	+6·2	+6·2
Mean in °C. .	23·6	23·3	23·2	23·0	22·7	22·6	22·6	23·1	24·0	25·1	26·2	27·1	28·0	28·5	28·5
Variation in °C.	—1·5	—1·8	—1·9	—2·1	—2·4	—2·5	—2·5	—2·0	—1·1	0·0	+1·1	+2·0	+2·9	+3·4	+3·4

(Averages for sixty minutes from full hour to full hour of local mean time.)

NOVEMBER. (IN DEGREES FAHRENHEIT.)

Hours. (B. M. T.)									Mean.	Mean in °C.	Maximum.		Minimum.		Date.
15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24			Time. H. M.	Mag.	Time. H. M.	Mag.	
84·6	83·0	82·3	79·0	78·0	78·0	78·0	77·6	77·6	80·9	27·2	13 45	85·5	22 30	77·5	1
87·3	85·8	84·2	83·5	83·2	83·0	82·5	82·5	82·1	81·8	27·7	13 4	87·5	4 55	75·9	2
88·5	86·8	85·2	84·6	84·2	83·2	82·0	80·8	80·7	**83·4**	**28·6**	13 55	90·4	5 55	79·0	3
86·3	84·1	82·6	81·6	80·8	80·0	80·0	78·8	78·3	81·4	27·4	14 30	87·0	6 30	77·0	4
84·6	83·3	82·2	81·5	81·2	81·0	80·4	78·5	78·2	80·1	26·7	14 40	85·2	6 30	75·8	5
83·6	82·0	81·0	80·	79·8	79·5	79·2	78·5	77·5	79·6	26·4	14 00	84·5	6 30	75·9	6
83·4	82·0	81·0	80·5	80·5	80·2	79·3	78·3	78·0	79·6	26·4	13 15	84·5	5 30	74·7	7
86·9	85·3	83·8	82·8	82·6	82·4	81·4	79·7	78·2	80·9	27·2	13 45	88·0	6 00	74·5	8
87·2	86·0	83·2	82·5	82·0	81·2	79·9	79·4	79·5	81·6	27·6	14 45	90·0	6 25	76·0	9
86·8	84·9	83·2	82·4	81·9	81·4	80·4	79·0	79·1	81·4	27·4	14 05	89·5	6 10	75·5	10
85·4	83·7	82·2	81·5	81·3	80·5	80·4	79·5	78·9	80·5	26·9	12 40	87·5	6 10	74·3	11
85·8	84·5	83·1	82·4	81·8	81·5	80·5	78·8	78·5	81·1	27·3	13 30	89·0	6 10	75·5	12
85·5	83·5	81·9	81·1	81·0	80·6	79·5	78·5	77·5	80·1	26·7	14 20	86·6	6 30	73·5	13
85·0	83·2	81·8	81·0	80·5	80·2	79·0	77·5	77·5	79·8	26·6	13 40	87·8	6 30	74·5	14
84·9	82·6	80·9	80·5	80·4	79·3	77·6	77·5	76·8	79·3	26·4	13 30	87·5	6 20	74·4	15
83·4	84·8	82·2	81·2	80·5	79·5	78·5	77·0	76·5	79·6	26·4	15 00	89·5	3 55	**72·5**	16
85·9	83·7	81·6	80·5	80·3	79·4	77·7	76·8	77·0	79·7	26·5	14 40	89·5	5 50	73·8	17
90·3	86·5	83·1	81·3	81·0	80·3	78·9	77·0	77·0	80·7	27·1	15 30	**90·8**	6 30	74·4	18
86·6	84·2	82·1	81·0	80·7	80·0	79·5	78·5	78·0	80·4	26·9	14 30	90·0	6 20	74·4	19
87·8	84 7	82·2	80·6	80·0	79·8	79·5	77·7	76·0	79·7	26·5	14 45	88·5	6 35	73·7	20
87·2	84·7	81·7	80·2	79·9	79·2	78·2	76·4	76·1	79·4	26·3	14 30	88·8	6 30	73 4	21
84·9	83·2	81·2	80·3	79·9	79·2	77·5	78·1	77·8	78·8	26·0	14 30	85·8	6 5	73·4	22
85·7	84·0	81·4	80·3	80·0	79·0	77·9	77·8	77·5	79 0	26·1	13 20	86·7	6 2	73·3	23
86·5	84·1	81·8	81·6	79·8	78·7	77·9	77·0	77·5	79·7	26·5	14 5	87·6	4 15	74·4	24
84·6	83·2	81·7	80·6	80·5	79·5	78·2	77·5	77·1	79·5	26·4	13 18	87·5	6 10	74 0	25
87·3	84·5	81·9	80·5	79·6	78·9	77·7	77·0	75·7	79·6	26·4	14 15	88·5	6 30	73·6	26
84·3	82 8	80·8	79·5	79·3	78·5	77·5	77·5	77·4	78·5	25·8	14 5	85·6	6 10	72·5	27
84·6	83·1	80·9	79·5	79·0	77·9	77·0	75·8	76·5	78·6	25·9	14 35	85·5	6 20	72·7	28
83·5	81·8	80·2	79·5	79·5	78·0	77·0	78·1	78·2	**78 4**	**25 8**	13 40	84·5	6 30	73·4	29
84·2	82·5	80·8	80·1	79·5	79·4	78·0	76·9	76·6	79·2	26·2	14 40	84·8	6 50	74·5	30
85·9	83·9	82·1	81·0	80·6	80·0	79·0	78·1	77·8	80·1	26·7					Mean.
+5·8	+2·9	+2·6	+0·9	+0·5	—0·1	—1·1	—2·0	—2·3							Variation.
29·9	28·8	27·8	27·2	27·0	26·7	26·1	25·6	25·4							Mean in °C.
+3·2	+2·1	+1·1	+0·5	+0·3	0·0	—0·6	—1·1	—1·3							Variation in °C.

DECEMBER.

84·1	82·8	81·0	79·5	78·7	78·1	77·5	76·5	75·8	78·7	25·9	14 20	84·8	4 30	73·5	1
83·8	82·2	80·7	79·7	79·3	78·4	77·4	76·1	74·8	77·9	25·5	13 25	84·5	6 40	72·2	2
84·2	82·5	80·3	79·4	79·0	78·5	77·5	76·0	76·0	77·7	25·4	14 15	84·9	6 5	71·2	3
84·8	82·7	80·3	79·2	78·3	77·3	76·1	75·4	75·0	78·0	25·6	13 25	85·7	6 50	72·9	4
81·8	80·5	78·5	77·4	76·5	75·6	75·0	74·4	74·2	76·5	24·7	13 20	83·1	4 35	72·6	5
81·2	79·8	78·2	77·2	76·6	75·9	75·5	74·4	73·7	76 1	24·5	14 42	81·6	6 30	71·8	6
80·8	79·4	77·6	76·6	76·0	75·7	75·4	74·1	73·6	76·0	24·4	13 30	81·6	6 35	72·5	7
81·1	79·5	78·0	77·3	77·0	76·7	76·2	74·5	73·7	76·4	24·7	14 20	81·9	6 40	72·5	8
80·6	79·5	77·8	76·8	76·7	76·4	75·5	74·0	73·8	76·2	24·6	14 5	81·5	6 35	72·5	9
80·8	79·5	77·4	75·8	75·0	74·0	73·8	73·5	73·9	75·8	24·3	15 5	81·3	4 18	72·0	10
80·3	79·4	77·5	76·5	75·6	74·6	74·4	73·8	73·0	75·7	24·3	14 20	81·0	6 55	**71·6**	11
80·2	78·5	77·2	76·0	75·8	75·2	73·6	73·2	73·0	75·3	24·1	13 50	81·0	6 40	71·3	12
87·7	79·6	78·0	77·5	77·2	75·3	73·8	73·2	72·2	75·2	24·0	14 25	81·4	6 45	69·0	13
82·4	81·0	79·5	78·4	78·2	77·6	77·1	76·0	76·3	76·8	24·9	13 45	83·6	2 0	71·3	14
82·1	80·8	79·4	78·7	78·3	77 4	76·3	76·2	75·6	77·5	25·3	14 5	82·6	5 30	72·5	15
84·1	82·2	80·1	79·0	78·8	78·2	77·0	76·6	76·4	77·8	25·4	14 28	85·1	5 30	72·3	16
84·2	82·7	80·8	79·6	78·7	78·2	77·0	76·3	76·5	78·3	25·7	13 35	85·7	5 50	72·5	17
84·5	83·2	80·9	79·5	78·0	77·7	77·6	76·4	75·3	77·5	25·3	15 00	85·3	7 25	72·3	18
85·4	82·2	80·3	79·0	78·6	77·7	77·4	76·0	75·3	78·5	25·8	14 50	86·7	5 10	73·7	19
82·7	81·4	79·7	78·1	77·6	77·4	76·7	75 1	74·4	77·6	25·3	13 40	87·3	6 40	72·4	20
83·0	81·6	79·5	78·2	77·6	76·9	76·3	75·2	73·7	76·5	24·7	13 15	84·5	5 0	70·2	21
83·6	82·3	80·1	78·3	77·2	76·6	76·4	75·1	74·2	77·1	25·1	14 50	83·7	7 0	72·6	22
84·8	82·6	80·0	78·7	77·7	77·2	76·6	75·9	74·6	77·2	25·1	14 25	86·5	7 0	70·8	23
83 9	82·2	80·2	78·7	78·2	77·4	77·0	75·8	74·6	77·3	25·2	13 10	85·0	6 30	71·5	24
84·0	82·3	80·2	78·7	78·5	78·4	78·3	76·8	76·8	78·1	25·6	13 25	86·5	6 30	72·4	25
86·5	84·9	82·4	80·6	79·7	79·5	79·6	79·6	79·3	79·4	26·3	14 45	**88·4**	4 55	73·0	26
84 4	83·1	81·2	80·0	79·4	78·6	78·5	78·0	77·2	**79·9**	**26·6**	15 00	84·8	23 50	77·0	27
82·6	81·4	80·0	78 8	78·8	78·0	77·5	76·4	75·5	79·0	26·1	14 50	83·5	23 55	75·2	28
82·0	81·1	79·0	77·8	77·1	76·0	76·0	75·8	74·8	76·8	24·9	15 25	82·6	7 0	71·8	29
80·8	79·5	77·8	76·8	76·7	76·0	74·3	72·4	71·7	75·3	24·1	13 55	81·5	7 10	70·8	30
81·3	79·4	77·7	76 8	76·6	76·2	75·2	73·8	72·8	**74·9**	**23·8**	13 35	82·0	6 50	**67·4**	31
82·8	81·3	79·4	78·2	77·7	77·0	76·3	**75·4**	74·8	77·1	25·1					Mean.
+5·7	+4·2	+2·3	+1·1	+0·6	—0·1	—0·8	—1·7	—2·3							Variation.
28·2	27·4	26·3	25·7	25·4	25·0	24·6	24·1	23·8							Mean in °C.
+3·1	+2·3	+1·2	+0·6	+0·3	—0·1	—0·5	—1·0	—1·3							Variation in °C.

RELATIVE HUMIDITY, 1935.

(Averages for sixty minutes from full hour to full hour of local mean time.)

JANUARY. (IN PERCENTAGES.)

Date.	Hours (B. M. T.).												
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13
1	75	83	83	80	71	70	79	77	71	70	67	56	57
2	67	67	70	81	83	84	85	82	82	77	63	60	56
3	75	74	73	72	72	6[illegible]	59	53	49	38	32	33	33
4	54	55	52	52	51	53	61	66	64	61	56	48	41
5	66	71	74	74	72	70	65	64	69	64	57	50	46
6	54	58	56	52	56	58	67	68	65	63	55	47	49
7	76	75	75	72	72	73	72	74	67	60	55	51	42
8	68	71	71	64	65	75	76	74	71	66	60	54	52
9	73	73	72	74	73	73	76	80	71	71	65	64	65
10	80	80	85	82	80	79	80	76	72	70	67	62	49
11	83	82	83	82	84	84	80	78	80	75	71	66	70
12	76	78	79	82	82	77	71	68	59	59	60	60	58
13	67	73	74	73	75	72	72	66	62	64	56	38	40
14	50	46	46	41	43	55	51	50	41	31	28	34	35
15	41	45	46	45	44	43	41	39	35	34	26	23	25
16	42	41	43	41	43	41	44	45	43	29	31	27	29
17	41	35	35	44	44	43	41	41	36	30	29	24	25
18	48	45	57	55	41	40	41	40	39	39	29	30	28
19	54	50	53	53	55	59	61	61	61	57	48	45	43
20	81	71	72	72	67	72	73	69	67	65	58	52	44
21	75	71	72	75	73	75	74	69	65	61	56	50	43
22	64	69	69	71	71	68	73	74	70	71	54	43	38
23	81	83	83	80	80	80	80	77	75	72	67	58	53
24	82	86	86	84	84	80	81	79	79	74	67	57	62
25	78	84	86	77	67	70	67	69	58	53	57	56	56
26	69	64	71	63	62	69	71	71	62	55	54	58	61
27	75	80	82	82	81	79	74	80	75	71	60	50	50
28	78	80	79	79	81	85	83	79	76	76	72	73	75
29	86	85	83	82	83	84	83	81	75	72	70	68	64
30	78	75	74	73	72	72	74	76	68	64	60	59	56
31	54	54	53	54	58	59	58	58	57	59	53	51	46
Mean	67·1	67·9	68·9	68·1	67·3	67·7	68·2	67·2	63·4	59·7	54·5	49·9	48·1
Mean Vapour Pressure in inches of mercury.*	·483	·482	·482	·472	·459	·457	·457	·461	·467	·469	·463	·453	·460

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1	59	64	65	63	65	66	71	69	55	55	54	54	50
2	61	71	68	62	60	61	66	64	61	54	54	53	48
3	77	73	77	81	76	78	80	80	74	68	65	59	52
4	80	82	80	77	75	74	76	78	66	73	70	59	56
5	78	79	74	75	72	71	72	70	67	65	54	53	60
6	74	75	75	77	83	81	82	81	72	68	64	61	58
7	74	76	65	67	70	71	67	72	66	63	57	61	58
8	76	76	76	76	77	76	74	78	71	65	55	49	59
9	77	80	80	76	79	79	75	75	73	69	61	55	52
10	58	61	71	79	76	76	78	75	70	61	60	47	50
11	87	83	81	83	83	79	82	80	76	74	73	78	77
12	89	87	84	85	85	87	87	88	90	85	74	70	68
13	81	82	83	84	85	85	86	83	79	73	62	56	57
14	77	79	80	83	85	87	86	85	83	68	54	52	57
15	71	75	77	78	79	78	77	74	65	61	58	57	57
16	72	71	70	70	70	72	77	75	67	61	53	49	50
17	59	60	57	52	49	48	51	51	45	39	38	43	48
18	67	72	73	74	70	70	79	77	63	62	59	55	49
19	75	76	78	77	79	79	77	77	71	71	66	65	62
20	78	82	86	87	86	85	81	80	74	68	61	59	63
21	81	85	81	83	85	83	87	85	76	72	70	63	63
22	90	89	90	90	80	83	82	84	82	76	66	61	60
23	73	74	78	79	79	76	76	79	74	74	62	59	59
24	80	81	81	82	82	83	82	77	72	70	62	51	45
25	70	69	71	71	74	80	81	79	77	73	67	62	60
26	83	82	83	84	85	85	85	85	81	73	70	69	67
27	75	77	78	78	81	85	85	75	69	54	54	54	48
28	76	79	74	74	74	76	78	77	73	66	64	62	58
Mean	74·9	76·4	76·3	76·7	76·6	76·9	77·9	76·9	71·1	66·5	61·0	57·7	56·8
Mean Vapour Pressure in inches of mercury.	·581	·585	·574	·569	·561	·559	·563	·571	·568	·565	·559	·563	·571

*Computed from mean temperatures and mean relative humidities.

(Averages for sixty minutes from full hour to full hour of local mean time.)

JANUARY. (IN PERCENTAGES.)

Hours (B.M.T.).											Mean.	Mean Vapuor Pressure in inches of mercury.*	Date.
13—14	14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24			
57	56	58	61	65	68	70	68	67	69	70	68·7	·574	1
49	40	43	55	57	61	63	67	68	69	73	67·0	·558	2
32	36	39	45	51	56	57	52	52	51	55	52·1	·408	3
43	44	47	48	54	58	61	66	64	63	62	55·2	·421	4
47	43	41	40	46	54	59	63	59	60	61	59·0	·459	5
50	49	51	58	64	66	67	67	64	71	73	59·5	·471	6
36	45	56	62	65	71	70	68	69	68	67	61·2	·542	7
59	59	64	67	69	73	75	72	70	75	73	67·6	·568	8
67	60	59	65	71	76	78	82	83	84	83	72·4	·613	9
47	56	65	69	76	80	82	80	78	76	79	72·9	·651	10
68	62	57	61	67	71	71	71	68	61	63	72·4	·653	11
59	59	63	63	66	67	63	58	57	59	60	65·9	·554	12
41	42	42	43	47	45	42	47	48	50	49	55·3	·403	13
38	35	38	44	46	46	50	48	43	42	42	42·4	·271	14
27	33	31	39	42	46	48	47	44	45	51	39·3	·227	15
29	33	38	41	45	49	52	51	50	47	43	40·7	·241	16
28	32	36	40	47	48	52	58	56	51	49	40·2	·238	17
43	51	57	59	63	66	68	67	63	61	55	49·4	·347	18
38	46	56	58	67	66	68	74	76	76	80	58·5	·503	19
36	32	30	37	63	68	67	63	62	67	67	60·7	·544	20
40	31	34	43	57	63	75	70	75	74	76	62·4	·565	21
40	49	62	66	74	77	76	71	72	76	77	65·6	·582	22
65	68	70	75	80	84	84	83	86	86	83	76·4	·657	23
64	64	64	63	66	68	70	70	72	71	75	72·8	·606	24
57	56	56	59	61	66	69	70	63	62	64	65·0	·539	25
62	61	64	67	70	71	72	72	72	68	69	65·4	·525	26
54	59	62	63	68	73	74	75	77	78	79	70·9	·576	27
75	76	76	74	77	79	82	84	87	88	87	79·2	·666	28
65	62	62	65	68	71	73	76	78	78	79	74·7	·634	29
54	54	56	56	58	58	60	60	60	59	59	64·0	·490	30
49	59	51	53	62	61	62	65	64	63	61	56·5	·426	31
49·0	49·8	52·6	56·1	61·7	64·7	66·5	66·6	66·1	66·1	66·6	61·8	·500	Mean.
·480	·488	·505	·514	·531	·533	·537	·525	·509	·492	·486	·486		Mean Vapour Pressure in inches of mercury.*

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49	51	52	52	55	58	59	59	56	57	53	58·0	·427	1
47	46	51	58	66	71	75	72	75	80	80	62·7	·470	2
55	57	57	64	73	80	79	78	79	80	78	71·7	·554	3
58	64	65	59	64	70	72	70	68	74	76	70·3	·575	4
61	59	59	69	73	69	68	70	75	77	73	68·5	·605	5
56	55	62	63	60	64	69	71	71	72	65	69·1	·621	6
58	62	63	70	72	75	76	75	78	77	80	68·9	·611	7
59	65	66	67	68	71	75	79	78	72	72	70·0	·637	8
55	55	57	54	49	59	71	76	75	68	64	67·3	·625	9
58	62	58	63	69	77	81	83	84	86	88	69·6	·657	10
74	72	73	72	76	80	83	84	85	86	88	79·5	·734	11
66	61	61	60	62	65	68	73	77	79	80	76·3	·686	12
62	63	63	65	67	63	58	61	66	70	74	71·2	·634	13
61	62	61	60	64	61	61	65	68	70	73	70·1	·591	14
56	57	56	55	56	59	59	57	60	65	68	64·8	·504	15
46	45	47	43	45	53	59	57	51	51	51	58·5	·455	16
51	54	55	57	60	64	68	67	62	64	65	54·5	·430	17
50	52	56	54	54	57	59	61	65	65	69	63·0	·512	18
58	58	57	59	64	72	75	77	77	77	74	70·9	·584	19
63	59	60	63	70	79	73	68	71	77	80	73·0	·637	20
67	63	64	68	75	78	79	82	85	88	90	77·2	·658	21
55	51	53	53	50	56	63	70	74	76	75	71·2	·597	22
56	54	59	59	63	68	70	72	75	77	79	69·7	·576	23
51	55	60	61	64	66	66	70	72	72	73	69·1	·567	24
60	60	60	63	67	74	77	79	81	81	81	71·5	·607	25
66	64	61	60	63	67	68	70	71	75	75	73·9	·649	26
48	51	50	49	54	58	61	67	72	73	74	65·4	·606	27
57	57	57	60	63	71	75	77	78	81	82	70·4	·631	28
57·3	57·6	58·7	60·0	63·1	67·3	69·5	71·1	72·5	74·0	74·3	68·8	·587	Mean.
·587	·592	·596	·591	·586	·593	·598	·602	·601	·598	·588	·580		Mean Vapour Pressure in inches of mercury.*

* Computed from mean temperatures and mean relative humidities.

RELATIVE HUMIDITY, 1935.

(Averages for sixty minutes from full hour to full hour of local mean time.)

MARCH. (IN PERCENTAGES.)

Date.	Hours (B. M. T.),												
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13
1	81	81	81	82	84	85	85	84	81	78	71	67	65
2	62	62	66	69	70	74	77	76	74	66	61	58	55
3	66	64	68	70	72	71	74	73	69	65	62	59	59
4	60	60	53	49	53	55	51	47	37	34	35	36	40
5	50	44	45	43	41	36	40	34	37	34	25	20	24
6	42	43	44	46	49	51	56	53	50	40	31	22	36
7	61	52	50	52	66	77	75	65	58	51	33	37	57
8	69	71	78	76	63	63	54	54	52	47	33	22	18
9	76	73	66	61	71	63	60	48	45	42	30	18	20
10	76	67	66	58	58	56	53	51	47	36	23	25	20
11	77	70	74	68	66	57	55	56	46	37	40	35	25
12	44	45	67	67	75	75	74	67	60	56	40	35	29
13	63	68	69	73	75	63	65	69	55	55	46	30	23
14	66	68	69	69	74	69	69	67	60	54	60	65	68
15	82	84	85	86	87	85	79	80	81	77	74	72	71
16	76	73	71	65	60	63	68	60	54	52	45	44	50
17	68	74	68	59	55	59	54	54	63	56	51	56	53
18	84	85	85	82	82	83	83	83	80	76	72	74	72
19	88	89	89	89	90	87	86	83	76	76	77	74	75
20	83	85	85	85	86	86	88	86	83	80	69	60	49
21	79	79	81	83	85	86	86	84	81	74	71	70	68
22	82	82	82	82	84	85	87	85	79	75	67	68	69
23	76	78	73	72	68	70	76	74	64	69	69	66	59
24	73	73	71	70	68	69	71	72	68	67	67	68	66
25	83	82	85	86	86	86	86	82	77	74	69	70	69
26	76	80	80	76	75	74	74	74	70	65	55	54	49
27	79	77	77	79	79	77	80	80	76	74	68	64	62
28	85	85	83	75	77	79	81	80	75	71	66	64	57
29	63	60	68	67	71	73	73	73	70	66	64	61	62
30	70	72	73	74	74	75	72	65	61	58	56	54	52
31	71	66	73	69	76	77	68	54	51	49	46	48	51
Mean	71·3	71·0	71·8	70·4	71·6	71·3	71·0	68·2	63·9	59·8	54·1	51·5	50·7
Mean Vapour Pressure in inches of mercury.*	·647	·636	·630	·610	·614	·603	·601	·605	·616	·615	·604	·613	·623

APRIL.

1	71	72	74	73	70	61	64	55	50	49	58	61	59
2	75	75	77	79	79	76	75	71	68	64	61	64	60
3	84	82	81	81	82	81	81	76	72	69	68	67	67
4	83	85	86	86	87	87	87	84	77	73	70	63	56
5	76	78	80	81	82	84	84	81	76	75	72	71	65
6	84	84	84	84	83	83	81	78	73	66	65	64	62
7	82	84	83	82	82	83	83	82	78	73	71	71	66
8	79	78	78	80	82	82	80	72	62	57	57	56	58
9	77	79	80	81	83	84	84	76	67	61	55	49	38
10	68	71	72	72	73	76	76	73	67	63	60	60	60
11	76	77	77	77	75	74	73	71	68	67	62	61	58
12	76	77	78	78	80	83	82	81	76	70	59	58	61
13	83	84	86	87	87	87	87	83	79	75	74	71	68
14	80	76	75	75	76	77	78	74	68	64	62	60	59
15	76	75	77	76	77	78	78	76	78	74	70	69	67
16	82	81	81	81	83	83	82	78	73	68	66	64	62
17	76	70	67	62	64	72	74	73	69	64	66	67	68
18	83	82	80	81	83	83	81	77	69	63	62	63	69
19	84	80	80	81	81	81	82	78	71	64	61	56	42
20	68	69	71	71	71	75	72	66	61	59	59	57	59
21	78	80	80	79	80	80	80	77	70	66	64	64	63
22	78	78	80	80	81	82	82	78	74	70	66	61	61
23	81	82	82	82	83	84	84	81	77	75	72	69	66
24	81	83	81	81	81	81	80	79	74	72	69	68	67
25	83	82	83	82	82	82	83	80	75	72	71	68	67
26	84	84	83	82	82	82	81	79	75	71	70	68	67
27	80	80	80	82	84	83	82	78	76	72	70	70	67
28	80	80	80	80	82	83	82	81	77	73	72	69	64
29	79	80	81	81	81	82	85	78	75	72	69	68	68
30	77	77	77	78	77	78	76	74	73	77	76	74	71
Mean	78·8	78·8	79·1	79·2	79·8	80·2	80·0	76·3	71·6	67·9	65·9	64·4	62·2
Mean Vapour Pressure in inches of mercury.*	·772	·764	·759	·755	·754	·753	·758	·757	·759	·758	·764	·766	·757

* Computed from mean temperatures and mean relative humidities.

(Averages for sixty minutes from full hour to full hour of local mean time.)

MARCH. (IN PERCENTAGES)

Hours (B. M. T.).											Mean.	Mean Vapour Pressure in inches of mercury.*	Date.
13—14	14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24			
67	61	59	61	63	65	67	67	69	68	66	72·4	·625	1
51	48	52	55	56	56	55	52	50	64	68	61·5	·522	2
59	57	50	46	45	44	46	43	41	39	50	58·0	·504	3
41	34	38	39	40	44	44	36	36	34	33	42·9	·392	4
45	48	47	46	47	52	49	43	42	38	37	**40·3**	**·365**	5
39	47	58	55	52	56	60	65	70	62	61	49·5	·471	6
49	48	54	59	61	62	65	68	72	63	64	58·3	·543	7
15	34	47	54	58	66	75	74	55	47	63	53·7	·549	8
14	12	39	49	57	64	64	67	69	80	79	52·8	·570	9
15	26	40	57	64	69	70	72	74	72	75	52·9	·573	10
27	36	44	52	55	55	44	44	40	43	41	49·8	·543	11
49	50	44	49	51	47	57	57	51	49	52	53·7	·590	12
26	41	41	48	51	55	58	54	57	43	45	53·0	·584	13
71	73	70	68	73	76	79	81	82	82	80	70·5	·718	14
64	64	68	68	69	69	70	70	74	75	75	75·4	·763	15
50	51	52	53	55	60	59	66	72	76	66	60·0	·629	16
53	53	60	64	69	74	77	80	81	82	83	64·4	·682	17
71	71	71	75	79	81	82	84	84	85	86	**79·6**	**·819**	18
71	71	69	69	74	75	77	79	80	82	83	79·5	·799	19
52	54	51	55	59	63	66	70	74	77	77	71·8	·717	20
68	69	69	72	77	81	83	84	84	84	83	78·4	·780	21
69	71	71	72	75	79	80	79	76	73	72	76·8	·790	22
58	57	57	58	62	63	67	70	71	70	72	67·5	·699	23
64	62	59	60	63	68	75	82	83	85	82	70·3	·721	24
70	70	71	71	72	72	70	74	80	80	79	76·8	·790	25
47	48	47	50	50	63	70	74	79	80	80	66·3	·689	26
61	66	60	62	69	74	76	78	79	82	83	73·2	·736	27
53	52	51	53	55	55	54	54	56	53	59	65·5	·674	28
62	59	59	61	54	53	54	60	62	67	67	63·7	·630	29
47	43	43	46	46	46	52	54	61	67	69	50·6	·609	30
50	58	42	39	44	45	47	52	57	64	68	56·9	·609	31
50·9	52·5	54·3	57·0	59·5	62·3	64·3	65·6	66·5	66·6	67·7	63·1	·635	Mean.
·629	·641	·650	**·655**	·647	·641	·649	·647	·646	·631	·633	·629		Mean Vapour Pressure in inches of mercury.*

APRIL.

60	61	61	61	62	65	67	70	75	73	74	64·4	·669	1
62	64	65	64	67	72	75	78	79	82	84	71·5	·724	2
66	66	66	66	71	74	76	79	81	83	82	75·0	·752	3
53	49	51	51	56	61	64	68	71	73	74	70·6	·696	4
55	56	58	62	68	73	76	79	81	82	82	74·0	·727	5
64	66	66	67	65	65	68	73	74	78	81	73·3	·752	6
57	56	57	56	60	58	60	63	69	77	81	71·4	·779	7
55	57	58	58	59	58	62	72	76	71	74	67·5	·746	8
39	39	41	43	48	56	60	62	64	67	64	**62·4**	·676	9
54	50	50	48	50	64	64	67	69	71	73	65·0	**·660**	10
55	53	58	62	64	71	73	75	75	76	75	68·9	·670	11
61	64	66	67	71	76	77	80	81	83	83	73·7	·741	12
66	67	65	65	67	71	72	74	75	76	77	76·1	·770	13
58	60	60	64	67	71	73	74	74	75	76	69·8	·709	14
65	63	65	67	70	74	76	77	78	79	81	73·6	·782	15
62	62	55	50	55	62	64	69	73	78	80	70·6	·775	16
66	63	63	64	67	71	73	74	76	78	79	69·4	·767	17
65	62	63	62	66	69	71	74	76	78	81	72·6	·800	18
43	44	51	49	58	63	64	65	68	67	68	65·9	·714	19
61	64	66	66	68	73	73	71	72	71	74	67·4	·702	20
64	66	66	70	71	73	75	77	77	77	78	73·1	·777	21
61	61	60	63	68	73	75	78	80	81	83	73·1	·797	22
65	67	68	70	72	73	76	79	79	79	79	76·0	·848	23
67	68	69	69	72	76	78	80	82	83	83	76·0	·862	24
67	69	70	71	74	77	78	79	81	81	83	**76·7**	**·873**	25
66	65	63	65	69	73	76	79	80	80	80	75·2	·844	26
65	64	66	69	72	78	80	81	82	81	80	75·9	·836	27
62	63	65	68	74	78	81	82	83	80	80	75·8	·851	28
67	68	69	70	71	73	74	78	81	82	78	75·4	·833	29
68	67	66	70	73	77	79	80	83	81	79	75·3	·854	30
60·6	60·8	61·6	62·6	66·1	69·9	72·0	74·6	76·5	77·4	78·2	71·9	·766	Mean.
·747	·749	·752	·747	·754	·755	·763	·775	·782	·781	·778	·761		Mean Vapour Pressure in inches of mercury.*

* Computed from mean temperatures and mean relative humidities

RELATIVE HUMIDITY, 1935.

(Averages for sixty minutes from full hour to full hour of local mean time.)

MAY. (IN PERCENTAGES.)

Date.	Hours. (B.M.T.)												
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13
1	79	81	82	79	76	75	75	68	61	59	56	62	50
2	62	64	66	69	71	73	76	74	74	73	70	69	69
3	83	84	84	84	84	84	83	82	78	73	70	68	66
4	75	76	79	81	82	82	81	77	76	73	70	67	63
5	83	80	81	81	82	82	82	81	77	74	67	66	64
6	83	83	83	84	85	85	84	81	78	76	75	72	71
7	85	85	83	83	85	85	84	80	77	74	74	72	70
8	83	83	82	83	82	85	85	81	79	74	73	71	71
9	68	69	73	74	78	79	77	73	66	67	65	61	61
10	84	83	85	86	85	85	85	82	76	74	73	71	71
11	83	83	82	82	85	85	83	80	71	71	70	69	69
12	67	67	71	72	75	76	76	76	74	72	70	70	69
13	81	80	83	82	82	83	82	79	76	73	68	69	67
14	81	79	82	82	82	82	82	81	77	74	71	67	64
15	79	80	79	81	81	81	82	79	75	73	70	67	67
16	80	81	81	82	82	82	80	78	74	72	69	69	67
17	81	83	83	83	82	81	79	75	72	70	68	67	66
18	79	79	79	79	79	79	77	74	71	69	65	63	63
19	73	73	73	73	74	75	73	68	66	62	60	60	59
20	71	72	71	72	74	73	70	67	63	60	58	59	57
21	70	71	70	73	72	72	71	69	66	63	62	59	58
22	73	73	73	73	76	76	73	69	66	65	63	62	59
23	75	75	77	77	78	77	77	77	69	67	65	64	63
24	77	78	78	79	79	79	78	75	72	69	67	65	63
25	77	77	79	78	79	78	77	73	70	65	64	62	63
26	73	75	75	75	76	76	75	72	70	68	65	64	61
27	75	75	75	75	75	75	74	72	69	67	65	64	62
28	74	73	75	75	75	75	75	72	68	66	64	63	62
29	74	75	75	76	76	75	73	72	68	65	64	63	61
30	74	73	73	75	74	75	73	70	67	65	62	60	60
31	76	76	76	76	77	77	75	74	69	69	65	63	61
Mean .	76·7	77·0	77·7	78·2	78·8	78·9	78·0	75·2	71·5	69·1	66·7	65·4	63·8
Mean Vapour Pressure in inches of mercury.*	·842	·837	·837	·834	·832	·830	·840	·844	·848	·855	·854	·859	·854

JUNE.

1	74	75	75	75	76	77	75	72	70	67	64	63	62
2	72	72	72	73	72	72	71	68	65	62	60	60	59
3	74	73	74	75	74	74	75	73	69	67	64	63	61
4	75	75	77	76	75	75	76	74	70	67	66	65	63
5	74	74	73	72	71	72	71	71	68	65	63	61	59
6	75	76	77	78	79	79	78	76	71	68	67	64	61
7	75	76	77	79	81	83	79	76	71	69	68	68	68
8	79	79	80	79	80	81	79	81	87	81	78	75	71
9	76	77	81	79	84	81	80	79	74	73	72	73	66
10	76	77	78	78	80	81	80	80	83	85	79	71	70
11	78	77	76	77	79	86	85	81	76	73	71	67	65
12	76	77	77	77	77	79	79	80	82	79	80	78	72
13	77	77	77	78	84	84	83	83	77	73	73	73	72
14	88	91	92	92	91	93	92	91	89	89	86	84	83
15	86	84	84	87	89	88	89	87	83	83	80	78	76
16	79	84	85	85	86	85	85	83	77	79	77	75	71
17	87	88	89	90	87	86	86	85	83	80	78	78	74
18	89	89	91	93	93	92	89	86	85	85	80	79	79
19	91	89	89	90	92	93	93	94	93	96	94	94	93
20	92	90	90	90	90	91	91	90	89	86	79	77	81
21	88	91	90	90	88	87	89	89	88	87	82	81	81
22	86	87	85	83	84	84	88	88	83	80	81	78	78
23	93	94	93	93	94	93	94	93	93	92	93	94	95
24	88	86	86	85	85	86	86	87	89	89	89	86	84
25	83	83	81	81	82	83	84	85	86	91	91	91	88
26	91	92	93	92	91	91	89	87	84	84	81	79	77
27	87	86	85	85	87	87	87	85	83	81	81	81	83
28	87	89	89	87	87	87	87	88	85	87	88	87	85
29	91	91	91	89	91	91	88	87	85	84	83	82	82
30	86	85	86	85	87	87	88	88	89	87	90	89	87
Mean .	82·4	82·8	83·1	83·1	83.9	84·3	83·8	82·9	80·9	79·6	77·9	76·5	74·9
Mean Vapour Pressure in inches of mercury *	·913	·912	·912	·909	·906	·905	·911	·919	·923	·932	·936	·940	·926

*Computed from mean temperatures and mean relative humidities.

(Averages for sixty minutes from full hour to full hour of local mean time.)

MAY. (IN PERCENTAGES.)

Hours (B.M.T.)											Mean.	Mean Vapour Pressure in inches of mercury.*	Date.
13—14	14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24			
41	43	45	50	55	62	68	67	64	63	60	63·4	·762	1
67	67	66	68	73	79	81	83	83	80	80	72·4	·816	2
66	66	64	67	70	75	77	78	79	78	76	75·8	·846	3
64	65	65	68	71	73	77	78	79	80	81	74·3	·813	4
64	64	67	70	73	78	80	81	82	84	83	76·1	·844	5
70	71	72	73	75	79	81	82	84	84	84	79·0	·919	6
69	69	69	67	70	72	72	77	79	81	82	76·9	·933	7
70	69	73	69	70	74	74	77	79	78	75	76·7	·922	8
63	64	66	69	72	76	79	82	82	84	85	72·2	·845	9
71	70	70	70	71	74	77	81	81	81	83	77·9	·892	10
66	64	66	66	66	70	72	74	71	66	66	73·3	·861	11
68	67	67	67	71	73	70	75	77	80	81	72·1	·836	12
66	66	68	70	74	76	78	80	81	81	80	76·0	·867	13
64	65	65	69	71	75	77	78	77	78	79	75·1	·871	14
67	66	67	70	73	77	78	79	79	79	78	75·3	·882	15
66	64	66	68	72	77	78	79	79	79	79	75·2	·901	16
65	64	66	68	71	73	68	71	75	76	77	73·5	·875	17
64	64	65	66	67	72	73	74	73	73	74	71·7	·853	18
59	60	61	62	65	69	69	69	70	71	71	67·3	·801	19
58	58	58	60	63	66	68	69	69	69	70	65·6	·778	20
57	58	59	62	65	69	69	70	71	72	73	66·7	·784	21
61	61	62	64	67	70	71	73	74	74	75	68·9	·820	22
63	62	64	66	69	72	72	74	74	75	76	71·2	·850	23
63	64	65	67	69	73	74	74	75	75	76	72·3	·883	24
62	63	64	66	68	71	71	72	73	73	73	70·7	·847	25
62	63	64	66	67	70	71	73	73	71	73	69·9	·831	26
63	62	63	66	69	71	72	73	72	73	74	70·0	·860	27
62	63	63	65	68	70	72	74	73	75	74	69·8	·849	28
60	60	61	63	66	68	70	71	73	73	74	69·0	·842	29
60	61	63	64	67	72	74	75	76	77	77	69·5	·846	30
62	62	64	64	67	69	72	72	74	74	74	70·3	·861	31
63·3	63·4	64·5	66·1	68·9	72·4	73·7	75·3	75·8	76·0	76·2	72·2	·852	Mean.
·858	·860	·861	·857	·857	·856	·855	·859	·857	·851	·847	·849		*Mean Vapour Pressure in inches of mercury.

JUNE.

61	60	61	64	65	68	70	70	69	69	69	68·8	·856	1
58	58	59	61	62	66	70	70	70	72	71	66·5	·817	2
60	61	62	65	67	70	73	73	74	74	74	69·5	·873	3
62	63	63	64	66	69	71	73	74	74	73	70·2	·876	4
58	59	60	61	64	72	70	72	74	73	74	68·0	·849	5
60	60	60	61	65	68	69	71	71	72	73	70·0	·888	6
67	66	66	70	69	71	72	74	76	77	78	73·2	·949	7
67	67	67	67	70	72	73	75	76	76	76	75·7	·957	8
65	64	65	66	69	73	77	76	78	77	76	74·2	·925	9
69	68	68	69	71	73	74	76	77	77	77	75·7	·939	10
66	66	65	65	68	72	73	74	75	75	75	73·5	·926	11
69	66	68	69	70	72	74	76	77	77	76	75·3	·940	12
69	69	69	71	72	81	85	89	89	86	87	78·3	·950	13
81	81	80	79	81	81	83	84	83	87	87	86·2	·968	14
80	82	81	79	79	80	81	80	79	79	78	82·2	·947	15
70	68	71	80	85	88	87	87	87	88	88	81·3	·940	16
73	73	84	90	92	92	91	91	89	91	90	85·3	·924	17
88	86	81	79	78	81	83	83	83	83	84	85·0	·939	18
93	93	91	91	91	92	94	95	95	94	93	92·6	·904	19
82	82	85	89	87	84	88	89	91	92	89	87·3	·913	20
80	80	80	84	84	83	83	86	85	86	89	85·5	·924	21
77	76	79	77	85	86	92	91	92	92	92	84·3	·932	22
93	91	92	92	92	89	87	86	87	85	88	91·5	·902	23
83	81	80	78	78	80	81	82	83	83	84	84·1	·951	24
87	87	84	78	81	84	84	83	84	84	87	84·7	·886	25
77	77	79	80	81	81	83	88	89	89	87	85·1	·907	26
82	80	80	82	81	79	81	83	83	85	86	83·3	·920	27
84	86	89	91	88	87	87	91	90	91	92	87·9	·943	28
81	80	81	81	82	81	80	81	83	85	87	84·9	·947	29
87	88	88	91	90	90	89	90	91	91	89	88·3	·945	30
74·3	73·9	74·6	75·8	77·1	78·8	80·2	81·3	81·8	82·1	82·3	79·9	·918	Mean.
·937	·932	·931	·928	·917	·914	·918	·922	·922	·916	·912	·921		*Mean Vapour Pressure in inches of mercury.

*Computed from mean temperatures and mean relative humidities.

RELATIVE HUMIDITY, 1935.

(Averages for sixty minutes from full hour to full hour of local mean time.)

JULY. (IN PERCENTAGES.)

Date.	Hours (B.M.T.)													
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14
1	89	90	90	90	91	91	89	89	90	89	90	89	86	89
2	91	91	90	91	91	89	91	90	88	87	86	85	84	86
3	88	88	88	89	89	89	89	88	87	89	90	90	91	91
4	93	93	93	93	93	93	93	94	93	91	91	90	91	93
5	90	87	86	84	84	89	88	87	87	86	83	84	84	85
6	88	86	88	88	91	89	87	90	90	91	90	91	91	89
7	85	85	91	91	93	93	92	92	93	91	85	83	83	83
8	91	90	92	88	86	85	84	84	83	83	80	79	79	78
9	83	85	85	85	84	83	83	83	81	80	78	78	77	79
10	87	86	86	85	84	83	83	83	82	81	81	79	79	78
11	85	84	88	87	86	84	87	86	83	83	82	81	81	81
12	85	84	83	84	84	84	84	82	81	84	81	78	79	78
13	84	86	84	85	85	84	84	84	82	82	80	78	78	78
14	83	83	83	84	84	83	85	83	87	88	86	85	87	85
15	84	85	85	83	85	85	84	83	82	80	78	79	79	78
16	86	84	84	83	83	83	83	83	81	81	79	79	79	86
17	83	85	85	87	87	84	84	84	87	84	83	83	82	86
18	92	92	93	93	93	93	93	92	90	86	83	83	81	81
19	83	83	82	83	83	85	89	90	91	87	87	85	89	88
20	85	85	84	84	85	83	89	88	93	92	91	93	93	92
21	85	85	84	84	84	86	88	88	90	87	87	86	83	83
22	84	83	85	83	83	84	85	87	85	84	81	77	78	80
23	85	85	85	84	84	85	86	84	81	81	76	78	80	79
24	84	86	87	86	85	85	84	83	82	77	79	80	81	77
25	85	85	86	85	83	85	86	84	86	86	83	82	82	81
26	87	87	86	86	86	85	85	83	84	85	81	83	82	82
27	87	86	86	86	87	85	85	85	84	83	81	79	79	79
28	83	83	84	85	88	86	86	83	84	85	85	87	84	83
29	85	85	85	85	87	87	84	87	87	88	85	83	87	87
30	90	90	90	89	84	84	82	84	85	82	82	81	81	78
31	86	85	87	87	85	83	85	86	84	83	81	80	78	76
Mean . .	86·3	86·2	86·6	86·4	86·4	86·0	86·4	86·1	85·9	85·0	83·4	82·8	82·8	82·9
Mean Vapour Pressure in inches of mercury*.	·899	·893	·888	·886	·883	·879	·889	·894	·904	·909	·916	·918	·918	·922

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1	82	84	83	85	83	83	83	83	83	83	81	82	84	88
2	84	85	83	83	83	82	83	81	83	80	78	77	76	76
3	83	83	84	84	84	83	83	82	83	82	86	85	83	83
4	88	88	88	86	90	89	87	87	86	83	80	80	79	79
5	84	82	87	85	85	83	82	83	83	80	77	77	79	77
6	80	81	81	81	82	81	82	81	81	79	79	78	77	78
7	81	82	82	83	80	82	82	79	81	80	77	77	76	77
8	84	83	84	83	84	84	83	82	78	79	75	76	77	79
9	82	80	79	79	79	82	85	83	78	78	78	79	83	81
10	83	83	84	83	82	83	81	82	85	86	83	81	79	79
11	86	84	83	82	81	82	81	83	82	81	80	79	76	79
12	81	80	80	80	81	80	78	85	83	82	84	83	83	81
13	82	80	81	83	83	84	88	86	85	84	83	81	79	78
14	80	80	81	80	82	81	82	82	81	80	78	78	76	75
15	80	80	81	80	82	80	83	84	80	81	77	74	73	71
16	82	82	81	76	84	86	86	88	81	84	83	82	81	80
17	84	82	84	85	85	87	87	86	88	91	89	88	86	88
18	91	90	90	90	89	89	90	90	91	89	90	91	89	92
19	91	92	91	91	92	93	93	93	93	91	88	87	87	86
20	87	87	88	89	86	86	86	85	86	83	81	80	79	76
21	83	82	83	83	82	82	82	83	81	80	78	77	76	75
22	84	83	83	84	82	82	83	85	84	81	77	77	76	75
23	77	79	81	81	81	81	81	80	79	77	75	74	75	72
24	84	85	82	82	80	81	86	87	86	88	90	90	90	90
25	88	89	90	91	91	91	91	92	92	93	93	92	91	88
26	82	83	84	83	83	82	83	86	84	83	83	80	80	73
27	82	82	82	82	83	83	85	87	87	84	79	76	75	77
28	86	87	85	88	88	87	87	87	85	83	81	82	85	88
29	94	93	93	92	93	94	94	93	94	92	93	93	91	90
30	92	92	93	93	92	92	93	93	91	93	91	89	85	85
31	91	91	91	91	92	93	91	91	90	89	90	91	90	88
Mean . .	84·5	84·3	84·6	84·5	84·6	84·8	85·2	85·5	84·6	83·8	82·5	81·8	81·2	80·8
Mean Vapour Pressure in inches of mercury*.	·850	·845	·845	·841	·839	·841	·843	·857	·867	·876	·883	·886	·891	·887

*Computed from mean temperatures and mean relative humidities.

(Averages for sixty minutes from full hour to full hour of local mean time.)

JULY. (IN PERCENTAGES.)

Hours (B.M.T.)										Mean.	Mean Vapour Pressure in inches of mercury*.	Date.
14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24			
89	89	87	87	88	89	91	90	90	90	89·3	·913	1
83	81	84	85	85	87	86	85	85	86	87·0	·910	2
88	88	87	88	90	91	93	92	93	92	89·5	·936	3
92	93	93	90	92	91	88	90	89	89	91·7	·875	4
83	83	80	83	84	86	86	85	85	88	85·3	·874	5
86	89	91	91	91	89	88	89	86	86	89·0	·907	6
84	85	84	85	84	83	84	87	87	89	87·2	·912	7
78	78	79	80	81	82	87	84	83	84	83·3	·930	8
79	79	79	80	81	82	89	90	88	89	82·5	·917	9
79	81	81	81	83	83	82	83	86	87	82·6	·924	10
79	78	79	79	81	82	83	83	83	83	82·8	·924	11
78	77	79	80	81	82	84	85	85	84	81·9	·914	12
76	76	76	76	80	80	83	82	81	82	81·1	·911	13
83	82	81	81	83	83	83	83	83	84	83·8	·914	14
78	77	83	81	82	84	83	84	83	84	82·0	·918	15
83	81	82	82	84	83	82	83	83	83	82·5	·908	16
86	85	85	85	87	85	87	88	89	91	85·5	·891	17
80	78	81	81	81	83	83	83	83	83	85·9	·889	18
87	87	86	86	86	90	86	86	86	87	86·3	·888	19
93	91	92	91	93	89	86	85	85	84	88·6	·876	20
82	83	83	83	83	83	84	86	85	85	84·9	·888	21
81	80	79	79	81	83	83	83	83	84	82·3	·889	22
83	83	84	87	86	85	87	85	86	86	83·5	·890	23
77	80	87	84	85	85	86	87	86	85	83·3	·885	24
84	81	81	81	81	83	83	85	87	88	83·9	·894	25
81	81	80	83	83	84	85	85	86	86	84·0	·890	26
79	79	79	81	81	82	83	83	83	83	82·7	·908	27
81	82	87	87	85	83	83	83	85	85	84·5	·884	28
83	87	88	86	84	84	85	87	89	89	86·0	·888	29
77	79	85	85	85	84	85	86	86	84	84·1	·876	30
76	76	77	79	80	81	83	83	85	85	82·1	·878	31
82·2	82·2	83·2	83·5	84·2	84·5	85·2	85·5	85·6	86·0	84·8	·900	Mean.
·911	·905	·905	·899	·895	·895	·897	·900	·898	·896	·900		Mean Vapour Pressure in inches of mercury.*

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83	83	83	84	84	83	83	83	84	84	83·4	·877	1
77	76	77	78	79	81	81	81	83	83	80·4	·874	2
81	80	82	81	81	83	84	84	82	84	82·9	·861	3
77	77	78	81	82	83	82	82	81	83	83·2	·879	4
77	76	76	77	79	77	74	77	80	80	79·9	·869	5
78	79	79	79	78	81	82	84	80	82	80·1	·857	6
75	76	77	79	81	82	81	80	85	85	80·0	·856	7
77	76	76	77	79	79	81	79	80	80	79·8	·848	8
78	78	80	79	78	78	78	80	81	81	79·9	·836	9
78	79	80	79	81	81	81	81	81	83	81·6	·864	10
76	76	76	79	80	79	79	79	80	83	80·3	·859	11
79	78	80	81	80	82	80	81	82	82	81·1	·856	12
78	80	80	80	81	81	81	80	80	80	81·6	·856	13
75	75	77	77	78	81	80	80	81	81	79·2	·847	14
73	74	75	76	79	78	79	80	80	81	78·4	·833	15
85	86	82	83	84	87	84	81	87	87	83·4	·861	16
87	85	83	86	87	90	91	90	91	89	87·0	·858	17
90	88	86	85	85	85	89	91	92	91	89·3	·864	18
86	85	83	85	85	84	85	83	87	87	88·5	·850	19
75	75	75	77	80	80	84	89	86	87	82·8	·857	20
75	75	76	79	80	81	82	81	84	84	80·1	·851	21
77	77	77	79	80	81	80	79	80	81	80·3	·856	22
72	73	77	81	78	78	85	84	84	82	78·6	·832	23
88	89	87	86	87	88	88	89	89	88	86·7	·832	24
81	81	83	80	79	81	82	83	85	84	87·1	·847	25
74	74	75	76	77	77	79	80	82	83	80·3	·840	26
79	79	79	77	77	77	80	84	86	85	81·1	·845	27
87	83	79	82	83	85	85	84	90	91	85·3	·878	28
88	85	83	84	84	88	91	91	92	93	90·7	·863	29
85	84	85	87	87	91	91	92	94	93	90·1	·921	30
88	87	87	87	91	91	91	90	91	89	90·0	·899	31
80·0	79·7	79·8	80·7	81·4	82·4	83·0	83·5	84·5	84·7	83·0	·859	Mean.
·881	·875	·865	·855	·848	·850	·851	·851	·855	·852	·860		Mean Vapour Pressure in inches of mercury.*

*Computed from mean temperatures and mean relative humidities.

RELATIVE HUMIDITY, 1935.

(Averages for sixty minutes from full hour to full hour of local mean time.)

SEPTEMBER. (IN PERCENTAGES.)

Date.	Hours. (B. M. T.)													
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14
1	90	90	92	93	92	93	91	93	93	92	93	93	92	93
2	89	88	88	89	89	88	90	88	86	83	85	89	89	89
3	85	86	84	85	86	88	87	87	85	83	82	81	78	76
4	82	82	83	84	84	83	86	89	88	87	81	83	79	77
5	82	82	84	87	89	89	89	88	89	86	80	79	79	78
6	82	85	87	89	86	84	83	83	83	81	77	78	80	82
7	82	82	84	82	82	85	83	85	81	82	87	89	87	86
8	92	91	92	92	91	91	93	91	85	85	82	81	79	78
9	83	82	83	83	84	84	84	83	82	81	81	80	79	80
10	78	79	79	80	80	80	84	83	82	84	84	81	80	81
11	89	92	90	88	87	87	90	92	93	92	89	88	90	93
12	91	92	93	91	90	90	92	92	93	93	91	91	89	92
13	90	90	90	90	91	91	90	90	90	89	88	88	89	89
14	91	92	92	92	92	92	92	93	93	93	93	93	93	93
15	93	93	92	92	93	93	93	93	92	91	89	87	85	85
16	92	91	90	86	89	89	89	89	90	91	90	89	91	92
17	91	91	91	90	87	86	86	86	85	85	84	83	82	79
18	85	85	84	83	83	85	84	82	79	77	74	72	70	72
19	82	81	82	81	80	82	81	80	78	75	74	72	71	70
20	83	84	85	86	88	86	87	86	85	83	79	75	72	71
21	78	78	82	80	80	83	84	83	82	78	76	75	72	72
22	80	80	82	83	85	86	85	84	81	77	75	72	69	69
23	80	80	84	85	86	86	85	85	82	80	73	71	69	67
24	78	77	84	84	84	85	84	84	82	79	75	71	67	67
25	76	82	82	82	82	82	82	85	86	82	78	83	78	79
26	86	86	86	86	86	85	86	84	84	82	79	76	74	72
27	83	85	83	85	86	86	84	84	81	79	77	74	70	67
28	80	80	82	82	83	84	86	84	81	78	70	69	66	67
29	81	81	82	82	82	83	84	82	79	77	77	73	71	71
30	82	82	83	82	82	82	82	80	78	77	76	73	71	71
Mean . . .	84·5	85·0	85·8	85·8	85·9	86·3	86·5	86·3	84·9	83·4	81·3	80·3	78·7	78·6
*Mean Vapour Pressure in inches of mercury.	·817	·819	·821	·818	·817	·818	·822	·837	·854	·861	·859	·859	·850	·855

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1	81	80	80	81	81	82	83	82	78	74	72	71	69	70
2	80	82	82	83	84	82	81	80	76	78	72	67	67	67
3	84	85	85	84	84	86	86	84	83	79	77	76	74	72
4	82	82	83	84	84	85	83	82	78	75	75	75	73	73
5	86	85	86	85	87	87	89	87	84	82	79	77	74	70
6	83	85	85	84	83	84	84	82	81	78	76	77	76	76
7	88	88	89	89	87	88	86	84	82	79	77	78	78	78
8	88	89	89	86	84	86	89	86	82	78	72	68	72	72
9	84	83	81	81	82	81	82	79	77	71	54	54	55	58
10	87	89	89	89	88	88	87	82	81	75	69	65	59	57
11	82	84	84	83	76	79	81	82	75	75	69	66	58	59
12	85	84	85	84	83	83	83	83	77	75	67	55	55	61
13	89	90	89	84	75	75	78	77	74	68	59	51	44	45
14	86	82	81	81	79	78	80	77	75	67	55	48	42	39
15	74	77	78	77	78	79	80	78	76	70	59	58	57	60
16	61	68	74	74	79	80	79	78	75	69	59	53	50	61
17	84	83	78	76	74	74	76	72	70	68	60	53	55	63
18	85	84	83	85	88	84	83	83	81	75	61	54	53	57
19	64	58	55	58	56	59	58	56	53	51	50	49	55	60
20	56	56	63	68	69	73	69	69	68	66	60	55	51	49
21	81	77	76	76	76	75	74	70	66	62	58	59	57	53
22	71	74	75	73	74	75	76	74	68	64	56	55	55	59
23	87	87	86	85	87	89	88	87	87	81	74	72	69	70
24	85	86	86	87	86	84	84	84	81	76	73	70	68	68
25	83	85	82	85	86	84	85	86	83	79	74	73	74	73
26	85	83	85	84	83	85	85	84	83	83	79	74	76	75
27	82	88	90	90	89	89	88	87	83	78	77	77	74	75
28	78	81	81	82	80	84	85	84	81	77	75	75	72	68
29	88	88	88	88	89	86	88	84	82	75	73	74	76	74
30	81	79	82	83	85	87	86	84	87	86	81	82	77	77
31	84	84	82	84	86	87	89	87	81	78	73	73	71	72
Mean . . .	81·1	81·5	81·7	81·7	81·4	81·9	82·1	80·5	77·7	73·9	68·2	65·7	64·1	64·9
*Mean Vapour Pressure in inches of mercury.	·837	·830	·824	·819	·810	·810	·817	·833	·847	·846	·819	·820	·829	·847

* Computed from mean temperatures and mean relative humidities.

(Averages for sixty minutes from full hour to full hour of local mean time.)

SEPTEMBER. (IN PERCENTAGES.)

Hours. (B. M. T.)										Mean.	Mean Vapour Pressure in inches of mercury.*	Date.
14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24			
92	89	87	89	87	86	91	91	92	90	91·0	·874	1
88	87	85	89	90	89	89	88	85	84	87·7	·856	2
77	77	78	80	80	81	81	82	83	83	82·3	·863	3
75	76	75	78	80	81	82	81	82	82	81·7	·857	4
77	79	78	78	79	80	81	82	82	82	82·5	·865	5
79	82	81	79	84	78	78	80	82	81	81·8	·850	6
84	90	91	89	89	90	88	89	87	90	86·0	·845	7
78	79	82	85	87	88	85	88	87	87	86·2	·881	8
79	80	78	78	80	80	82	82	82	80	81·3	·850	9
87	85	89	86	86	85	87	86	84	86	83·2	·807	10
92	86	85	84	86	85	88	89	89	89	88·9	·840	11
91	91	92	91	91	91	90	90	90	90	91·1	·816	12
89	88	87	86	87	89	88	89	90	90	89·1	·853	13
93	93	92	93	93	93	94	93	93	93	92·7	·870	14
86	86	87	88	91	92	92	91	93	93	90·4	·903	15
92	93	93	92	90	91	91	90	92	91	90·5	·881	16
78	79	80	82	82	82	83	84	86	84	84·4	·860	17
71	71	71	74	77	78	80	80	80	80	78·2	·812	18
70	70	71	73	75	76	78	78	79	80	76·6	·796	19
71	70	72	73	75	76	77	78	79	78	79·0	·815	20
72	71	71	73	74	75	77	78	78	78	77·1	·798	21
69	67	69	72	78	76	78	79	80	80	77·3	·788	22
67	66	65	68	70	72	73	75	75	75	75·8	·775	23
66	67	67	70	72	71	74	73	76	76	75·5	·779	24
78	74	73	74	77	79	87	87	87	86	80·9	·819	25
70	69	70	68	75	75	76	76	78	80	78·7	·802	26
67	67	66	67	71	72	73	74	74	76	76·3	·770	27
66	66	68	70	73	74	75	76	77	80	75·7	·764	28
70	70	72	74	77	78	78	79	81	81	77·7	807	29
70	70	71	73	74	76	76	77	79	79	76·9	·804	30
78·1	77·9	78·2	79·2	81·0	81·3	82·4	82·8	83·4	83·5	82·5	·830	Mean.
·849	·839	·834	·817	·817	·812	·815	·814	·814	·812	·830		*Mean Vapour Pressure in inches of mercury.

OCTOBER.

70	70	69	71	73	77	77	78	78	81	76·2	·792	1
69	72	74	74	75	76	79	80	80	83	76·8	·800	2
70	70	74	77	78	78	79	81	82	84	79·7	·834	3
71	74	75	80	82	81	84	85	86	86	79·9	·849	4
72	71	73	75	76	76	75	79	81	83	80·0	·858	5
75	76	77	81	83	85	86	87	87	88	81·6	·856	6
76	75	77	82	85	87	87	88	89	88	83·5	·911	7
73	73	74	74	74	76	82	81	81	84	79·7	·898	8
57	64	72	78	82	83	85	86	86	86	75·0	·856	9
61	63	67	76	81	83	83	83	82	74	77·4	·850	10
64	64	67	74	79	79	79	80	82	82	75·1	·819	11
63	67	70	78	81	83	83	83	85	86	76·6	·852	12
40	36	40	53	75	79	76	83	85	85	68·7	·804	13
47	63	67	67	69	75	76	76	76	77	69·3	·804	14
60	59	66	68	71	71	70	70	63	63	69·3	·791	15
62	63	67	68	74	79	81	82	85	87	71·2	·812	16
69	72	73	78	79	80	82	84	87	87	74·2	·847	17
62	63	66	64	64	68	72	78	73	68	72·2	·840	18
64	64	62	78	61	57	55	58	58	51	57·1	·688	19
61	70	70	71	66	70	75	78	79	79	66·3	·794	20
53	55	68	72	76	72	68	75	76	75	68·5	·853	21
65	73	75	79	81	81	78	80	83	86	72·1	·880	22
76	83	83	84	85	71	70	85	85	85	81·5	·886	23
68	73	76	79	81	82	83	84	83	83	79·6	·874	24
75	77	79	81	84	85	86	87	86	86	81·6	·896	25
75	75	77	79	81	81	83	84	82	81	80·9	·866	26
75	75	76	78	79	79	80	80	80	77	81·1	·870	27
69	70	71	73	79	82	85	87	86	86	78·8	·827	28
75	76	73	77	78	77	78	80	79	79	80·4	·824	29
76	75	76	79	81	81	80	82	84	84	81·5	·848	30
71	71	75	80	82	81	81	81	82	83	79·9	·861	31
66·6	68·8	71·4	74·5	77·3	77·9	78·6	80·8	81·0	80·9	76·0	·840	Mean.
·856	·862	·858	·853	·851	·850	·849	·864	·852	·840	·838		*Mean Vapour Pressure in inches of mercury.

*Computed from mean temperatures and mean relative humidities.

(Averages for sixty minutes from full hour to full hour of local mean time.)

NOVEMBER (IN PERCENTAGES.)

Date.	Hours. (B. M. T.)													
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14
1	83	82	83	83	84	84	85	84	77	75	74	74	74	74
2	80	77	80	78	78	79	78	75	74	73	69	67	65	65
3	85	83	83	83	86	85	85	84	81	77	65	58	50	49
4	70	70	72	77	82	81	79	78	73	68	63	57	55	53
5	83	82	85	86	87	86	84	83	79	76	70	66	67	65
6	69	75	77	76	81	83	80	78	75	73	69	66	65	66
7	80	82	80	80	81	80	80	80	74	72	67	64	62	64
8	83	84	84	85	83	78	78	79	76	71	65	57	53	53
9	71	67	68	75	74	73	73	69	65	62	57	53	46	39
10	65	68	73	74	73	76	78	76	66	62	57	51	47	44
11	70	65	65	69	70	66	73	70	68	67	60	51	49	58
12	84	82	80	80	80	75	74	71	68	66	60	54	49	52
13	75	75	69	72	69	69	68	73	67	63	59	53	51	53
14	76	75	75	77	79	77	74	68	65	61	59	56	49	45
15	80	75	77	75	75	74	76	76	71	62	59	55	44	41
16	74	72	78	79	75	74	76	76	69	59	53	49	41	36
17	76	72	73	70	72	70	71	70	64	56	53	48	40	36
18	77	77	75	75	76	73	72	69	66	57	54	50	40	36
19	77	74	69	70	70	71	72	76	68	60	57	50	42	40
20	76	79	79	76	74	76	72	73	69	64	57	55	51	42
21	71	80	79	76	76	80	76	77	71	65	59	50	40	34
22	75	79	79	79	77	79	79	75	74	69	62	54	53	51
23	75	76	75	77	79	75	74	71	71	68	67	51	41	44
24	74	77	75	77	74	75	79	77	75	66	51	41	39	35
25	75	77	76	78	77	80	81	79	75	69	63	64	50	53
26	73	73	75	72	74	77	76	74	70	66	62	60	43	44
27	77	80	82	82	82	83	81	81	73	68	63	61	56	47
28	76	81	84	82	79	76	76	75	71	67	60	59	54	59
29	82	80	79	81	83	79	75	78	73	74	70	65	58	56
30	76	78	75	76	77	77	78	76	68	72	67	65	55	53
Mean	76·3	76·6	76·8	77·2	77·6	77·0	76·8	75·7	71·2	66·9	61·7	56·9	51·0	49·6
*Mean Vapour Pressure in inches of mercury.	·714	·707	·697	·691	·684	·672	·668	·692	·690	·688	·680	·662	·629	·631

DECEMBER.

1	84	85	83	82	81	82	78	73	68	67	63	53	56	54
2	81	82	82	80	83	81	76	76	71	72	68	62	54	55
3	76	75	72	71	68	67	69	68	60	57	56	44	42	48
4	79	81	78	77	80	74	73	72	67	57	53	47	41	38
5	76	74	75	74	73	74	74	73	71	67	61	55	53	55
6	86	85	85	85	84	85	84	82	78	75	73	72	68	66
7	77	80	81	88	85	87	87	86	82	78	71	66	68	59
8	80	81	84	84	85	85	85	85	80	76	70	62	59	54
9	77	76	78	77	83	83	83	83	77	72	67	64	58	57
10	73	74	75	76	80	80	80	82	78	75	69	67	62	55
11	76	79	81	80	81	81	77	79	73	71	68	59	53	47
12	64	63	64	69	76	74	74	75	74	68	61	57	57	53
13	74	71	73	76	74	70	77	74	74	68	62	58	55	52
14	70	68	68	67	69	68	74	70	74	69	63	56	55	56
15	77	77	76	79	77	78	82	79	75	72	66	64	64	64
16	85	81	81	81	77	74	81	80	77	74	69	67	55	52
17	74	74	68	75	73	72	77	79	71	69	62	49	46	46
18	63	68	73	74	72	71	74	74	72	65	63	56	43	34
19	56	50	55	56	63	53	52	56	52	50	49	46	43	40
20	68	66	68	70	68	63	60	63	61	54	50	43	39	39
21	60	67	73	74	71	71	70	76	72	68	60	52	46	43
22	74	74	70	73	73	78	78	76	76	67	60	52	43	40
23	74	73	73	70	73	73	75	73	70	67	56	48	42	41
24	72	78	82	79	71	75	77	76	68	59	51	47	39	46
25	77	69	70	72	74	76	74	71	64	62	55	51	44	45
26	71	72	71	61	54	64	68	65	63	61	61	58	48	49
27	82	82	80	80	80	82	81	78	78	73	70	66	68	67
28	78	86	85	86	86	88	88	86	82	78	78	74	69	67
29	70	82	83	83	84	83	80	75	72	67	58	57	61	56
30	82	81	79	73	77	79	79	75	69	63	58	52	50	50
31	64	57	54	54	57	57	55	55	53	46	42	44	45	45
Mean	74·4	74·5	74·9	75·0	75·2	75·1	75·5	74·7	71·0	66·7	61·7	56·4	52·5	50·7
*Mean Vapour Pressure in inches of mercury.	·632	·624	·621	·616	·607	·602	·603	·615	·619	·622	·612	·592	·580	·577

* Computed from mean temperatures and mean relative humidities.

(Averages for sixty minutes from full hour to full hour of local mean time.)

NOVEMBER. (IN PERCENTAGES.)

(Hours. B.M.T.)										Mean.	Mean Vapour Pressure in inches of mercury.*	Date.
14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24			
74	76	77	79	78	83	79	80	82	82	79·4	·835	1
64	66	71	75	75	76	75	76	79	83	74·1	·803	2
56	59	62	65	68	66	66	66	67	73	70·9	·809	3
56	60	66	70	77	78	79	79	82	84	71·2	·762	4
62	61	54	50	50	50	50	53	63	67	69·1	·708	5
64	62	63	67	74	75	75	77	78	80	72·8	·735	6
66	67	72	74	76	78	78	77	80	80	74·8	·755	7
54	49	51	55	62	62	67	60	63	68	67·5	·710	8
39	55	59	65	67	69	61	58	66	68	62·5	·673	9
50	57	63	69	75	74	76	72	68	73	66·3	.709	10
60	61	66	71	74	74	79	81	84	84	68·1	·708	11
59	60	68	65	69	71	68	63	65	72	68·1	·721	12
54	59	64	70	74	74	80	78	74	69	67·2	·689	13
53	57	58	60	67	67	71	70	70	74	66·0	·670	14
53	53	61	64	67	70	66	67	73	72	66·1	·664	15
31	42	59	66	70	74	75	73	73	77	64·6	·652	16
39	54	62	67	71	71	75	78	74	76	64·1	·649	17
32	37	58	68	74	77	77	75	71	75	64·2	·672	18
40	58	62	68	71	75	79	80	82	78	66·2	·685	19
33	43	59	68	69	72	78	81	75	72	66·4	·672	20
39	48	60	68	70	72	76	79	73	76	66·5	·666	21
50	55	63	70	73	74	72	71	72	77	69.3	·681	22
50	56	62	70	72	76	78	69	71	73	67·5	·668	23
44	48	55	63	68	69	72	73	73	80	64·8	·656	24
58	61	66	71	74	74	72	72	76	75	70·7	·711	25
43	54	64	71	72	76	79	81	77	75	68·0	·686	26
61	65	67	72	81	79	80	79	80	75	73·1	·711	27
57	61	64	69	74	79	83	83	80	79	72·0	·703	28
57	62	67	66	68	65	67	63	73	77	70·8	·687	29
55	60	65	69	73	74	76	81	78	80	71·0	·706	30
51·8	56·9	62·9	67·5	71·1	72·5	73·6	73·2	74·1	75·8	68·8	·705	Mean.
·659	·704	·730	·739	·751	·756	·752	·724	·711	·721	·698		* Mean Vapour Pressure in inches of mercury.

DECEMBER.

	60	66	73	78	79	81	80	77	79	72·5	·710	1
58	58	63	66	73	72	72	72	73	71	70·9	·676	2
49	52	56	62	67	70	74	69	62	69	62·6	·593	3
40	39	46	54	65	66	69	73	71	71	63·0	·603	4
62	61	61	66	67	71	75	75	82	83	69·1	·629	5
65	65	69	69	72	74	75	76	79	80	76·3	·686	6
61	61	64	67	71	70	71	72	76	79	74·5	·668	7
54	54	57	62	67	67	68	71	76	78	71·8	·652	8
57	57	58	63	67	71	71	71	72	73	70·6	·637	9
55	55	56	60	64	65	68	69	69	69	69·2	·616	10
48	50	53	60	63	65	66	66	68	65	67·0	·594	11
55	54	56	59	62	63	66	74	73	73	65·2	·571	12
54	58	60	63	64	61	62	67	66	67	65·8	·574	13
59	62	67	72	77	76	71	69	74	75	67·9	.625	14
65	65	69	73	77	78	76	75	78	81	73·6	·693	15
54	53	58	63	66	72	75	71	71	73	70·4	·669	16
50	52	58	66	72	74	62	62	62	58	64·6	·625	17
33	31	45	64	67	48	43	49	56	56	58·1	·547	18
32	48	65	70	71	71	73	70	62	64	58·1	·546	19
52	58	64	68	72	69	69	63	63	60	60·4	·571	20
45	50	55	61	67	71	74	75	70	65	64·0	·583	21
40	42	47	55	63	66	72	75	73	70	64·0	·595	22
42	54	59	66	74	75	76	79	74	69	65·7	·612	23
48	47	58	66	70	69	69	76	75	75	65·5	·612	24
56	61	65	68	67	66	61	56	54	62	63·3	·608	25
50	53	64	74	76	76	71	74	78	80	65·1	·652	26
62	68	74	78	83	84	82	78	77	81	76·4	·779	27
67	67	67	65	67	66	69	67	69	69	75·2	·744	28
57	58	59	63	67	69	70	70	70	79	69·7	·641	29
53	53	58	63	67	67	66	66	59	60	65·8	·576	30
47	48	53	60	65	67	68	66	69	67	55·7	·481	31
52·5	54·6	59·7	65·1	69·3	69·6	69·8	70·2	70·3	71·0	67·1	·625	Mean.
·597	·611	·637	·652	·668	·660	·646	·635	·617	·611	·619		*Mean Vapour Pressure in inches of mercury.

* Computed from mean temperatures and mean relative humidities.

Notation :—H=High clouds (Ci, Ci-Cu, Ci-S.) ; Medium clouds

JANUARY.

Date.	Cloud Forms. (coming from)									Cloud Amounts (All Forms).					
	8½h.			12½h.			16½h.								
	H.	M.	L.	H.	M.	L.	H.	M.	L.	6h.	8h.	10h.	12½h.	16½h.	22h.
1	..	..	..	..	..	..	..	..	..	0	0	0	trace	trace	0
2	..	..	NW	..	..	..	..	..	..	4	4	1	trace	1	0
3	W	..	..	..	..	..	W	..	..	2	7	4	3	3	0
4	..	..	..	W	..	..	W	..	..	trace	trace	0	5	3	0
5	W	..	..	..	..	..	W	..	..	1	2	2	2	2	0
6	W	..	..	W	..	..	W	..	..	2	4	3	4	4	1
7	..	..	..	..	..	..	..	..	..	4	0	0	0	0	0
8	..	..	..	..	..	..	..	..	..	0	0	0	0	trace	0
9	..	..	SW	..	..	..	..	..	..	5	3	trace	1	trace	0
10	..	..	..	..	..	..	..	..	..	2	1	0	0	trace	0
11	..	..	..	..	..	..	..	..	..	1	trace	0	trace	1	0
12	..	..	..	..	..	..	..	..	..	trace	0	0	0	0	0
13	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0
14	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0
15	..	..	..	..	..	..	..	..	..	0	0	0	0	trace	0
16	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0
17	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0
18	..	..	..	..	..	..	..	..	..	trace	trace	0	0	0	0
19	..	..	..	..	..	..	..	..	..	1	trace	0	trace	2	0
20	..	..	..	..	..	..	..	..	..	2	0	0	0	0	0
21	..	..	..	..	..	..	..	..	..	0	0	0	0	trace	0
22	..	..	SW	..	..	SW	..	..	..	2	1	3	7	1	0
23	..	..	SW	..	..	SW	..	..	SW	4	7	4	7	7	0
24	..	..	..	..	..	..	..	..	..	trace	0	0	0	0	0
25	..	..	..	..	..	..	..	..	..	1	1	1	0	trace	0
26	..	..	S	..	..	SW	W	..	SW	1	6	2	3	3	0
27	..	..	S	..	SW	SW	..	..	..	trace	2	trace	5	1	0
28	SW	..	..	SW	..	..	SW	..	..	5	9	8	8	10	2
29	..	..	..	..	..	SW	SW	..	..	10	10	10	10	10	3
30	SW	..	..	SW	..	..	SW	..	..	10	9	8	7	6	0
31	SW	..	..	..	..	..	..	..	..	8	8	2	2	2	0
Mean cloud of month.										2·1	2·4	1·5	2·1	1·8	0·2

MARCH.

1	..	..	NW	..	..	SW	..	..	..	2	1	1	5	1	1
2	..	..	NW	..	..	..	..	..	..	3	3	1	1	0	0
3	..	..	..	..	..	..	..	..	..	1	0	0	0	0	0
4	..	..	..	..	..	..	..	..	..	1	0	0	0	0	0
5	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0
6	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0
7	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0
8	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0
9	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0
10	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0
11	..	..	..	..	..	.	..	..	..	0	0	0	0	0	0
12	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0
13	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0
14	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0
15	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0
16	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0
17	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0
18	SW	..	..	SW	..	..	SW	..	..	2	3	2	6	2	1
19	..	..	..	..	..	W	NW	..	..	trace	0	0	trace	1	0
20	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0
21	..	..	N	..	..	..	..	..	..	1	3	0	0	0	6
22	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0
23	..	..	..	..	..	..	..	..	..	1	0	0	0	0	0
24	..	..	S	..	..	SW	..	..	..	5	4	3	2	0	0
25	..	..	S	W	..	SE	..	..	S	3	1	2	8	8	1
26	..	..	..	W	..	..	W	..	..	2	0	0	2	4	2
27	W	..	N	..	..	..	W	..	..	6	8	7	3	5	0
28	..	..	N	..	..	..	..	..	..	4	4	2	0	0	0
29	..	..	N	..	..	..	..	..	..	3	2	1	0	1	0
30	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0
31	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0
Mean cloud of month.										1·1	0·9	0·6	0·9	0·7	0·3

(A-Cu, A-S) ; L=Low clouds (Cu, Cu-N, S, N) ; ..=No cloud.

FEBRUARY.

Cloud Forms. (coming from)									Cloud Amounts (All Forms).						Date.
8½h.			12½h.			16½h.									
H.	M.	L.	H.	M.	L.	H.	M.	L.	6h.	9h.	10h.	12½h.	16½h.	22h.	
..	..	..	..	..	..	..	..	..	trace	0	0	0	0	0	1
..	..	..	..	..	..	W	..	..	4	trace	2	2	4	0	2
..	..	..	NW	..	..	NW	..	..	2	4	6	5	4	0	3
..	..	..	..	..	..	..	..	..	0	0	0	0	trace	0	4
..	..	..	..	..	..	..	..	..	trace	trace	1	1	trace	0	5
..	..	..	..	..	..	..	..	..	1	0	0	0	0	0	6
..	..	..	..	..	..	..	..	..	trace	0	0	0	0	0	7
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	8
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	9
..	..	..	..	..	..	..	..	..	0	0	0	0	0	2	10
..	..	..	..	..	..	..	..	..	7	trace	0	1	0	3	11
..	..	..	..	..	..	..	..	..	1	0	trace	1	2	6	12
..	..	..	..	..	..	..	..	..	1	2	trace	trace	0	0	13
..	..	S	..	..	..	..	..	..	3	6	4	trace	0	0	14
..	..	..	..	..	..	..	..	..	1	0	0	0	0	0	15
..	..	..	..	..	..	..	..	..	1	0	0	0	0	0	16
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	17
..	..	..	..	..	..	..	..	..	1	0	0	0	0	0	18
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	19
..	..	..	..	..	..	..	..	..	1	0	0	0	trace	2	20
..	..	..	..	..	..	..	..	..	4	2	0	0	0	0	21
..	..	..	..	..	..	..	..	..	5	0	0	0	0	0	22
..	..	..	..	..	..	..	..	..	0	0	0	0	1	0	23
..	..	..	..	..	..	SW	..	..	1	trace	0	trace	2	0	24
..	..	..	..	..	..	SW	..	..	1	1	trace	2	2	2	25
..	..	..	..	..	..	..	..	..	1	1	2	0	0	0	26
..	..	..	..	..	..	..	..	..	1	0	0	1	0	0	27
..	..	..	..	..	..	..	..	..	2	0	0	0	0	0	28
									1·4	0·6	0·5	0·5	0·5	0·5	Mean cloud of month.

APRIL.

W	..	..	..	..	..	..	..	..	3	3	0	0	0	0	1
..	..	..	..	..	..	..	..	..	trace	0	0	0	0	0	2
..	..	..	..	..	..	..	..	..	trace	0	0	0	0	0	3
..	..	N	..	..	..	..	..	..	2	3	1	0	0	0	4
..	..	..	..	..	..	..	..	..	trace	0	0	0	0	0	5
..	..	N	..	..	..	..	..	..	1	5	2	0	0	0	6
..	..	N	..	..	..	..	..	..	0	5	0	trace	0	0	7
..	..	..	NW	..	..	..	..	..	0	0	0	2	1	0	8
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	9
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	10
..	..	N	..	..	..	..	..	..	3	6	2	0	1	0	11
W	..	..	W	..	..	..	..	..	4	6	2	4	2	0	12
..	..	N	..	..	..	..	..	..	2	2	3	0	0	0	13
..	..	W	..	..	..	..	..	..	2	2	1	1	1	4	14
..	..	W	..	..	W	..	..	..	4	9	1	5	2	2	15
..	W	NW	..	W	..	NW	W	..	4	10	10	4	3	3	16
..	W	..	..	W	..	..	..	NW	9	7	5	8	2	1	17
..	W	..	..	W	..	..	W	..	8	9	7	2	6	8	18
..	..	N	..	..	..	..	..	..	5	3	0	0	1	0	19
..	..	..	..	..	..	..	..	..	3	0	0	0	0	6	20
..	..	..	..	..	..	..	..	..	5	1	1	1	1	4	21
..	..	..	..	..	..	W	..	..	1	0	2	1	3	0	22
..	..	N	..	..	..	..	..	..	3	6	1	trace	1	0	23
..	..	SW	..	..	..	..	..	..	3	1	1	trace	1	0	24
..	..	..	..	..	..	..	..	..	0	1	0	0	trace	0	25
..	..	S	..	..	..	..	..	..	3	4	1	trace	0	0	26
..	..	N	..	..	..	..	..	..	2	4	2	0	0	2	27
..	..	N	..	..	..	..	..	..	2	2	2	0	0	3	28
..	..	N	..	..	..	..	..	..	2	3	1	0	0	1	29
..	SE	..	..	..	..	W	..	..	3	4	3	2	6	0	30
									2·5	3·2	1·6	1·0	1·0	1·1	Mean cloud of Month.

Notation :—H=High clouds (Ci, Ci-Cu, Ci-S) ; Medium clouds

MAY.

Date.	Cloud Forms. (coming from) 8½h. H.	M.	L.	12½h. H.	M.	L.	16½h. H.	M.	L.	Cloud Amounts (All Forms). 6h.	8h.	10h.	12½h.	16½h.	22h.
1	W	..	..	..	..	..	W	..	..	3	9	3	1	7	0
2	..	..	..	..	..	..	..	..	..	0	0	trace	1	0	0
3	..	..	SW	..	..	..	..	..	..	4	6	3	1	0	2
4	..	..	N	..	..	..	..	..	..	1	2	0	0	0	0
5	..	..	NW	..	..	..	..	..	..	1	2	0	0	0	2
6	..	..	..	..	..	..	..	..	..	1	1	2	1	0	0
7	..	..	..	..	..	..	S	..	..	3	0	0	0	3	0
8	..	..	S	..	SW	..	..	..	..	3	7	4	4	1	8
9	..	S	..	..	..	..	..	SW	..	5	3	1	2	6	trace
10	..	SW	..	..	S	..	..	..	..	4	9	7	5	2	0
11	..	SW	..	..	..	..	..	..	..	4	3	1	trace	1	0
12	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0
13	..	..	NW	..	..	..	..	..	..	5	2	trace	0	0	3
14	..	..	N	..	..	..	..	..	NW	4	4	2	0	6	4
15	..	..	..	..	..	..	..	..	..	4	3	2	0	1	5
16	..	..	W	..	..	..	..	..	..	5	5	1	1	0	5
17	..	..	NW	..	..	NW	W	..	..	3	4	3	2	4	0
18	..	..	NW	..	..	W	S	..	..	3	4	2	4	5	4
19	..	..	..	..	..	..	..	..	..	3	2	1	3	1	4
20	..	..	NW	..	..	NW	..	..	NW	3	2	3	2	3	3
21	..	..	NW	..	..	..	..	..	..	2	5	2	trace	0	2
22	..	..	N	..	..	..	..	..	NW	3	2	1	1	4	1
23	..	..	NW	..	..	W	..	..	NW	3	5	3	3	7	trace
24	..	..	N	..	..	..	..	..	NW	6	3	2	1	5	2
25	..	..	W	..	..	W	..	..	NW	3	2	2	4	2	1
26	..	..	W	..	..	W	..	..	NW	4	4	2	7	6	1
27	E	..	W	..	..	W	..	..	NW	7	7	6	5	5	3
28	NE	..	W	NE	..	W	E	..	NW	8	6	8	8	8	4
29	.	..	NW	NE	..	W	..	..	NW	9	7	9	6	7	4
30	..	..	NW	..	S	..	..	..	SW	8	5	2	3	7	5
31	E	..	NW	NE	..	..	NE	..	..	8	7	5	5	5	3
Mean cloud of month.										3·9	3·8	2·5	2·3	3·1	2·1

JULY.

1	..	..	..	..	..	SW	..	..	..	10	10	10	10	10	3
2	..	..	..	..	..	SW	..	W	..	10	10	9	10	10	3
3	..	..	SW	..	..	..	E	.	SW	7	6	10	10	8	10
4	..	..	..	..	..	..	..	..	SW	10	10	10	10	10	10
5	..	..	..	..	..	SW	..	W	SW	10	10	10	10	10	5
6	..	..	SW	..	..	..	..	..	..	10	10	10	10	10	7
7	..	..	SW	..	..	W	..	..	SW	10	10	8	10	9	3
8	..	..	W	..	W	SW	..	..	SW	10	9	9	7	8	9
9	..	..	W	..	..	..	..	NE	W	10	10	10	10	10	10
10	..	..	W	..	W	SW	..	..	SW	9	10	10	8	10	10
11	..	..	W	..	..	..	..	..	W	10	10	10	10	10	8
12	..	..	W	..	..	SW	..	W	W	9	10	10	9	8	9
13	..	W	W	..	..	W	..	E	W	4	4	5	6	6	9
14	..	..	W	..	..	W	..	..	W	9	8	10	10	10	9
15	E	..	SW	..	..	W	..	..	W	10	9	7	7	9	6
16	..	..	..	..	..	W	..	..	W	10	9	9	10	10	10
17	..	..	W	..	..	W	..	..	W	9	10	10	10	10	10
18	..	..	..	..	..	W	..	E	..	10	10	10	10	10	10
19	..	..	..	..	..	..	..	..	..	10	10	10	10	10	10
20	..	..	..	..	..	..	..	..	..	10	10	10	10	10	10
21	..	..	W	..	..	..	..	..	..	10	10	10	10	10	3
22	..	NW	W	..	..	W	..	..	W	10	9	6	9	9	7
23	..	..	W	..	..	..	..	..	W	10	10	10	10	10	8
24	..	..	W	..	..	W	..	..	W	10	10	10	10	10	10
25	..	..	W	..	N	W	..	..	W	10	10	10	10	10	10
26	..	..	W	..	..	W	..	..	W	10	10	10	10	10	10
27	..	..	W	..	NW	..	..	..	W	10	10	9	10	9	8
28	..	..	W	..	..	..	..	..	W	6	10	10	10	10	7
29	..	..	W	..	..	W	..	..	W	9	10	10	10	10	10
30	..	..	..	..	..	W	..	..	W	10	10	9	10	10	6
31	..	..	W	E	..	W	E	..	W	10	10	7	7	8	10
Mean cloud of month.										9·4	9·5	9·3	9·5	9·5	8·1

(A-Cu, A-S); L=Low clouds (Cu, Cu-N, S, N); . . =No cloud.

JUNE.

Cloud Forms. (coming from)									Cloud Amounts (All Forms).						Date.
8½h.			12½h.			16½h.			6h.	8h.	10h.	12½h.	16½h.	22h.	
H.	M.	L.	H.	M.	L.	H.	M.	L.							
..	..	SW	SE	..	..	..	..	NW	4	3	3	3	7	4	1
..	..	..	..	..	W	SE	..	W	4	2	2	6	7	4	2
..	..	W	SE	..	..	SE	..	..	3	4	5	8	9	2	3
..	..	W	..	..	..	..	..	W	4	4	3	2	4	7	4
..	..	S	..	..	..	..	..	..	3	3	1	trace	1	4	5
..	..	W	..	..	..	..	..	..	3	3	2	1	1	5	6
..	..	..	..	..	..	..	..	..	4	1	1	1	10	7	7
..	..	SE	SE	..	W	..	..	W	8	10	6	5	4	9	8
..	..	SW	..	..	..	E	..	..	8	8	5	5	3	8	9
..	..	W	E	..	..	..	..	W	9	10	7	6	8	7	10
E	..	NW	E	..	..	SE	..	..	9	8	10	8	8	7	11
E	..	W	NE	..	N	NE	..	W	8	10	6	6	7	4	12
..	Calm	..	..	..	..	Calm	..	SW	9	7	5	7	8	9	13
..	..	W	..	..	..	..	W	SW	10	9	9	5	9	10	14
E	..	..	..	E	SE	..	..	..	10	9	4	7	8	10	15
..	NE	..	..	NE	..	..	..	..	9	10	6	4	10	10	16
..	E	E	..	E	..	..	..	..	8	9	8	7	10	10	17
..	..	W	..	..	W	NE	..	W	10	10	10	10	9	10	18
..	..	..	..	..	..	..	..	..	10	10	10	10	10	10	19
..	SW	..	..	SW	W	..	..	W	9	10	8	6	10	10	20
..	..	SW	..	..	..	..	..	SW	9	8	8	3	9	7	21
..	..	SW	..	..	..	..	..	SW	8	3	6	3	7	10	22
..	..	W	..	..	..	..	..	..	10	10	10	10	10	10	23
..	..	NW	..	..	W	..	..	W	10	10	10	5	6	2	24
..	..	..	..	..	..	..	..	..	10	10	10	10	10	10	25
..	..	..	E	..	..	E	NE	W	9	10	9	10	9	9	26
..	S	S	..	SE	..	..	S	SW	5	9	6	7	8	2	27
..	..	SW	..	..	SW	..	..	SW	3	8	10	10	10	7	28
..	..	W	..	..	..	..	..	..	10	10	10	10	10	8	29
..	..	SW	..	..	SW	..	..	..	10	10	10	10	10	10	30
									7·5	7·6	6·7	6·2	7·7	7·4	Mean cloud of month.

AUGUST.

..	..	W	..	..	..	..	..	W	10	10	10	10	10	7	1
..	..	W	..	..	..	..	NW	W	10	10	10	10	9	8	2
..	..	..	..	..	W	..	..	W	10	10	10	10	10	10	3
..	..	W	..	..	W	..	..	W	10	10	8	8	9	2	4
..	..	W	..	..	W	..	..	W	9	10	9	8	8	2	5
..	..	W	..	..	W	..	..	W	10	10	9	10	10	9	6
..	SW	..	..	..	..	..	..	W	10	10	10	8	8	10	7
..	..	W	..	..	..	..	..	W	10	10	9	8	8	4	8
..	N	W	..	..	..	..	..	W	10	10	10	10	10	8	9
..	..	W	..	..	..	..	..	W	10	10	10	10	10	9	10
..	..	W	..	..	..	..	..	W	10	10	10	10	8	9	11
E	..	W	..	..	W	..	..	W	10	10	10	10	9	6	12
..	..	SW	..	NE	SW	..	..	W	10	10	10	8	10	5	13
..	..	W	..	W	SW	..	..	W	10	10	10	8	10	9	14
..	..	W	..	..	SW	..	..	W	10	10	8	7	10	4	15
E	..	..	..	..	W	..	..	W	8	2	4	9	10	7	16
..	..	W	..	SW	W	..	..	W	9	10	10	10	10	10	17
..	..	W	..	..	..	..	..	SW	10	10	10	10	9	10	18
..	..	..	..	..	..	..	..	SW	10	10	9	9	8	7	19
..	..	W	..	..	W	E	..	W	2	4	2	5	5	7	20
..	SE	NW	..	..	W	..	..	W	8	6	8	9	10	8	21
..	..	W	NE	..	W	E	W	W	8	9	8	8	9	8	22
..	..	W	..	..	NW	E	..	W	4	8	5	6	9	8	23
..	..	NW	..	..	NW	..	..	N	9	10	10	10	10	7	24
..	..	..	..	..	NW	..	..	NW	10	10	10	10	9	4	25
..	..	N	..	..	..	SE	..	..	7	10	10	3	5	5	26
..	..	E	..	..	NE	E	..	N	10	10	8	10	7	10	27
..	..	N	..	..	NW	..	..	..	10	9	8	10	10	10	28
..	..	..	..	..	NW	..	..	..	10	10	10	10	10	10	29
..	..	NW	..	..	NW	..	..	W	10	10	9	10	10	10	30
..	..	W	..	..	W	..	..	W	10	10	10	10	10	10	31
									9·2	9·3	8·8	8·8	9·0	7·5	Mean cloud of month.

Notation :—H=High clouds (Ci, Ci-Cu, Ci-S); Medium clouds

SEPTEMBER.

Date.	Cloud Forms. (coming from)									Cloud Amounts (All Forms).					
	8½h.			12½h.			16½h.								
	H.	M.	L.	H.	M.	L.	H.	M.	L.	6h.	8h.	10h.	12½h.	16½h.	22h.
1	..	..	..	..	..	..	..	..	W	10	10	10	10	10	10
2	..	..	W	..	..	..	..	..	W	10	9	10	10	7	7
3	..	NE	SW	..	N	SW	..	..	W	7	8	6	7	6	2
4	..	..	W	..	..	SW	..	SW	..	4	6	3	6	4	4
5	..	..	SW	..	..	SW	..	SW	..	10	10	8	7	9	6
6	..	..	W	..	..	SW	..	..	SW	7	6	4	10	9	6
7	..	..	W	..	..	W	..	..	W	10	6	9	9	10	10
8	..	..	W	..	..	W	..	W	NW	10	10	10	9	9	10
9	..	..	NW	..	..	..	..	..	..	10	9	10	10	10	6
10	..	..	NW	..	..	NW	..	..	NW	10	10	10	10	10	10
11	..	..	..	..	..	NW	..	..	NW	10	10	10	10	10	9
12	..	..	W	..	..	..	..	..	W	10	10	10	10	10	9
13	..	..	W	..	..	W	..	..	W	10	10	8	10	10	10
14	..	..	SW	..	..	SW	..	..	SW	10	10	10	10	10	10
15	..	..	W	..	SW	W	..	..	W	10	10	7	9	10	10
16	..	..	W	..	..	..	..	..	..	10	10	10	10	10	10
17	..	SW	..	..	SW	..	..	SW	..	6	8	7	8	8	0
18	..	..	W	..	..	..	..	..	..	6	3	1	1	1	0
19	..	..	SW	..	..	SW	..	..	SW	3	5	5	3	6	1
20	..	..	SW	..	..	..	..	..	..	6	6	6	2	2	0
21	..	..	SW	..	..	W	..	..	..	4	5	7	7	2	1
22	..	..	..	S	..	..	SE	..	SW	1	1	2	7	7	1
23	..	..	W	..	..	..	NW	..	..	2	2	3	2	5	2
24	..	..	..	..	..	..	..	..	..	3	2	2	2	1	1
25	..	..	SW	..	NW	..	..	..	SW	7	7	5	3	4	4
26	..	..	W	..	..	..	..	..	..	5	6	2	1	2	3
27	..	SW	..	..	SW	..	..	..	..	1	3	3	1	0	0
28	..	..	S	..	..	S	..	SW	..	2	5	6	6	4	2
29	..	..	N	..	S	..	..	..	..	6	5	8	3	1	2
30	..	..	NE	..	..	..	S	..	NW	6	9	9	2	7	1
Mean cloud of month.										6·9	7·0	6·7	6·7	6·5	4·9

NOVEMBER.

1	..	..	NE	..	..	..	..	..	..	1	1	2	1	2	4
2	..	..	..	..	..	..	..	..	..	8	1	4	1	1	2
3	..	..	NE	..	Calm	..	..	..	..	6	6	5	3	trace	0
4	..	..	..	..	..	..	..	..	..	trace	0	0	0	0	0
5	..	..	..	..	..	..	..	..	..	0	0	0	trace	0	0
6	..	..	..	..	..	..	..	..	..	0	0	0	0	trace	2
7	..	..	..	..	..	..	..	..	..	0	0	trace	trace	trace	0
8	..	..	..	..	..	..	..	..	..	trace	0	0	trace	0	0
9	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0
10	..	..	..	..	..	..	..	..	..	0	0	0	trace	trace	0
11	..	..	..	..	..	..	..	..	..	0	0	0	trace	trace	trace
12	..	..	..	..	..	..	..	..	..	0	0	0	0	0	1
13	..	..	..	..	..	..	..	..	..	1	0	0	0	trace	0
14	..	..	..	SW	..	..	SW	..	..	1	2	2	3	5	2
15	SW	..	..	SW	..	..	SW	..	..	2	8	5	6	3	0
16	SW	..	..	SW	..	..	SW	..	..	3	4	3	6	10	3
17	SW	..	..	SW	..	..	SW	..	..	3	8	5	8	7	3
18	..	..	..	..	..	..	..	..	..	2	3	1	trace	trace	1
19	..	..	..	..	..	..	..	..	..	trace	trace	0	0	0	0
20	..	..	..	..	..	..	..	..	..	trace	0	0	0	0	0
21	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0
22	..	..	..	..	..	..	..	..	..	trace	0	0	trace	1	0
23	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0
24	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0
25	SW	..	..	SW	..	..	SW	..	..	0	1	1	4	8	0
26	SW	..	..	..	..	..	..	..	..	2	2	1	1	1	0
27	..	..	..	..	..	..	SW	..	..	2	8	8	9	5	2
28	..	..	..	..	..	..	W	..	..	1	1	trace	trace	1	0
29	..	W	..	..	..	..	..	..	..	0	2	1	1	0	0
30	..	W	..	..	W	..	W	..	..	3	5	3	7	1	0
Mean cloud of month.										1·2	1·7	1·4	1·6	1·5	0·6

A-Cu, A-S); L=Low clouds (Cu, Cu-N, S, N) .. = No cloud.

OCTOBER.

Cloud Forms. (coming from)									Cloud Amounts (All Forms).						Date.
8¼h.			12½h.			16¾h.									
H.	M.	L.	H.	M.	L.	H.	M.	L.	6h.	8h.	10h.	12½h.	16¾h.	22h.	
..	..	NE	..	..	..	..	..	..	9	10	9	1	1	7	1
..	SE	..	..	..	..	..	..	S	10	9	2	2	9	8	2
..	..	E	..	..	..	..	..	..	10	7	7	2	1	0	3
..	..	..	..	..	..	..	..	..	7	1	1	1	2	9	4
..	..	NE	..	NW	..	..	..	..	10	7	7	3	2	1	5
..	..	N	..	..	NE	..	..	..	2	10	8	2	1	2	6
..	..	NE	..	..	..	..	..	..	4	4	2	1	2	1	7
S	NE	..	S	..	..	..	..	..	4	3	1	1	0	8	8
.	NE	..	..	NE	..	..	..	..	3	1	1	1	trace	1	9
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	10
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	11
..	..	..	..	..	..	..	..	..	1	0	0	0	0	0	12
..	..	..	NE	..	..	..	..	..	2	1	1	4	1	0	13
SW	..	..	SW	..	..	W	..	..	4	5	3	5	4	1	14
SW	..	..	SW	..	..	W	..	..	9	6	5	8	5	0	15
SW	..	..	..	..	..	SW	..	..	3	4	3	2	3	4	16
..	E	SE	SW	..	..	SW	..	E	6	9	9	7	8	3	17
..	N	..	..	..	..	SW	..	..	9	9	4	1	4	4	18
S	..	..	S	..	..	..	..	..	8	3	4	1	2	2	19
SW	..	..	..	..	..	..	..	..	10	9	9	9	9	8	20
..	NE	..	..	..	E	..	..	E	8	10	8	7	9	10	21
..	E	..	..	E	E	..	..	..	9	8	4	9	5	10	22
..	..	SE	..	..	SE	SW	..	..	10	10	8	8	10	10	23
..	..	..	..	..	..	..	SE	..	9	10	9	8	8	5	24
..	..	NE	..	SE	..	..	..	SE	10	7	2	9	9	5	25
..	..	S	..	..	..	..	SE	..	8	8	8	8	7	4	26
..	..	..	..	..	..	..	..	W	4	1	2	1	5	2	27
..	..	SE	..	..	..	SE	..	..	5	7	4	2	5	10	28
SW	..	..	..	..	..	NE	..	..	5	4	3	trace	7	7	29
..	..	N	..	..	N	..	..	..	6	6	5	..	2	3	30
..	..	N	..	..	NE	..	..	..	4	5	6	4	1	3	31
									6·1	5·6	4·4	3·5	3·9	4·1	Mean cloud of month.

DECEMBER.

..	..	..	..	..	..	..	..	..	2	0	0	trace	1	0	1
..	..	..	..	..	..	..	..	..	1	1	0	0	0	0	2
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	3
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	4
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	5
..	..	..	..	..	..	..	..	..	0	0	0	0	0	3	6
..	..	..	..	..	..	..	..	..	4	1	1	1	trace	0	7
..	..	S	..	..	..	..	..	..	1	1	1	1	1	4	8
..	..	..	..	..	..	..	..	..	1	1	1	1	trace	0	9
..	..	..	..	..	..	..	..	..	2	1	1	trace	trace	0	10
..	..	..	..	..	..	..	..	..	2	1	2	2	trace	1	11
..	..	..	..	..	..	..	..	..	1	0	1	1	1	1	12
..	..	S	..	..	S	..	..	..	6	7	4	3	2	2	13
..	..	SE	..	..	..	..	..	..	4	6	1	3	1	4	14
SW	..	..	SW	..	..	SW	..	..	1	4	4	8	4	3	15
..	..	..	..	..	..	..	..	..	1	0	0	1	1	0	16
..	..	..	..	E	..	..	..	..	0	2	1	0	2	0	17
SW	..	..	S	..	..	SW	..	..	4	9	8	9	9	1	18
SW	..	..	SW	..	..	SW	..	..	6	8	8	8	9	1	19
..	..	..	..	..	..	..	..	..	trace	0	trace	2	2	0	20
..	..	..	..	..	..	..	..	..	trace	0	0	0	0	0	21
..	..	..	..	..	..	..	..	..	0	0	1	0	0	0	22
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	23
..	..	..	W	..	..	W	..	..	0	trace	trace	9	6	0	24
SW	..	..	..	..	..	..	..	..	trace	2	1	trace	0	0	25
..	SW	..	..	SW	..	..	SW	..	5	9	4	9	8	6	26
..	..	W	W	..	..	W	..	..	7	8	6	8	5	4	27
..	..	..	..	..	..	W	..	..	6	1	trace	1	6	trace	28
..	..	..	..	..	..	..	..	..	1	0	0	0	0	0	29
..	..	..	..	..	..	SW	..	..	2	1	1	3	7	2	30
..	..	..	W	..	..	W	..	..	1	1	2	6	4	1	31
									1·9	2·1	1·5	2·5	2·2	1·1	Mean cloud of month.

Month.	Hours. (B.M.T.).												Bright Sunshine.	
	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15	15—16	16—17	17—18	Average per day.	Greatest number of hours in a day.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.
January	0·01	0·30	0·94	0·96	0·96	0·95	0·95	0·95	0·96	0·93	0·78	..	9·2	10·0
February	0·17	0·93	0·97	1·00	1·00	1·00	1·00	1·00	1·00	1·00	0·94	0·11	10·1	10·7
March	0·01	0·84	0·98	0·98	0·99	1·00	1·00	1·00	1·00	1·00	0·95	0·11	9·9	10·3
April	0·08	0·78	0·91	0·98	0·98	0·98	0·99	0·99	1·00	1·00	0·98	0·53	10·2	11·0
May	0·34	0·90	0·96	0·99	1·00	1·00	1·00	1·00	1·00	0·97	0·97	0·69	**10·8**	11·5
June	0·15	0·42	0·57	0·62	0·60	0·69	0·71	0·65	0·61	0·50	0·48	0·33	6·3	**11·6**
July	0·01	0·12	0 11	0·17	0·25	0·21	0·20	0·22	0·19	0·14	0·12	0·01	1·7	9·2
August	0·01	0·08	0·17	0.19	0·17	0·24	0·30	0·31	0·28	0·27	0·20	0·09	2·3	10·4
September	..	0·35	0·51	0·58	0·54	0·55	0·55	0·54	0·54	0·53	0·51	0·04	5·3	10·0
October	0·08	0·50	0·64	0·79	0·85	0·84	0·93	0·91	0·84	0·85	0·74	0·13	8·1	10·5
November	0.15	0·87	0·98	0·98	0·98	0·97	1·00	0·99	1·00	0·98	0·95	0·15	10·0	10·7
December	0·05	0·84	0·91	0·96	0·95	0·95	0.96	0·97	0·97	0·91	0·88	0·04	9·4	10·2
Mean	**0·09**	0·62	0·72	0·77	0·77	0·78	**0·80**	0·79	0·78	0·75	0·71	0·19	7·8	..

* From Campbell-Stokes Sunshine Recorder.

MAGNETIC TABLES.

(ALIBAG OBSERVATORY.)

Diurnal variation of magnetic elements.

The following tables give the diurnal variations of declination (D), horizontal component of the magnetic force (H), the easterly component (Y), the vertical component (Z), the inclination (I) and the total magnetic force (F) for each month based on the hourly tabulations for the 5 international quiet days. Owing to the very small value of D the variations of H and the northerly component of the force (X) are practically the same. No separate table for $\triangle X$ has consequently been given. The days are reckoned from 4 h. 51 m. of the local mean time which corresponds to the Greenwich civil time 0 h.

The variations in X, Y, I and F were computed from the variations in D, H and Z by means of the formulæ:

$$\begin{aligned}
\triangle X &= 1{\cdot}000\ \triangle H + 0{\cdot}045\ \triangle D \\
\triangle Y &= -0{\cdot}005\ \triangle H + 10{\cdot}917\ \triangle D \\
\triangle I &= 0{\cdot}075\ \triangle Z - 0{\cdot}036\ \triangle H \\
\triangle F &= 0{\cdot}903\ \triangle H + 0{\cdot}43\ \triangle Z
\end{aligned}$$

A *plus* sign indicates an hourly value greater than the mean for the day.

Mean results are also given for groups of four months, as indicated by the Roman numerals at the head of the columns:—I. January, February, November, December: II. March, April, September, October; III. May, June, July August.

All diurnal inequalities have been corrected for aperiodic change by adding $\frac{N(12-n)}{24}$ where "N" denotes the excess of the value at the second midnight of the representative day over the value at the first midnight, and "n" denotes any hour of the day reckoned from 0 (first midnight) to 24.

The actual non-cyclic corrections applied, namely, $a_{24} - a_0$, in the different months of the year have been given under the respective columns of the tables for $\triangle D$, $\triangle H$ and $\triangle Z$.

The "allowance for the use of means", which is given by $u_p = m_p + \frac{1}{12}\left(m_p - \frac{m_{p+1} + m_{p-1}}{2}\right)$, where u_p is the true ordinate and m_{p-1}, m_p, m_{p+1} the successive mean ordinates, is very small and less than 1γ for H and V and 0·1 minute of arc for D. Although small, the corrections have been used in the following variation tables so as to determine the last significant figure.

N

133522

[INTERNATIONAL QUIET DAYS, GREENWICH MEAN TIME.]

Hour.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Group means.			Year.
	I	I	II	II	III	III	III	III	II	II	I	I	I	II	III	
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
0	−0·7	−0·1	−0·1	+0·1	+0·4	+0·5	+0·5	+0·3	+0·3	+0·2	0·0	−0·2	−0·3	+0·1	+0·4	+0·1
1	−0·9	−0·1	−0·1	+0·2	+0·9	+1·5	+1·3	+0·9	+0·8	+0·3	−0·3	−0·1	−0·3	+0·3	+1·1	+0·4
2	**−1·0**	−0·2	+0·1	+0·8	+1·9	+2·6	+2·2	+1·9	+2·0	+1·2	−0·3	−0·1	−0·4	+1·0	+2·1	+0·9
3	−0·7	+0·3	+0·7	+1·3	**+2·5**	**+2·8**	**+2·2**	**+2·0**	**+2·7**	**+1·4**	+0·2	+0·7	+0·1	**+1·5**	**+2·4**	**+1·3**
4	+0·1	**+0·8**	**+1·0**	**+1·9**	+1·8	+1·8	+1·6	+1·2	+1·6	+1·0	+0·3	**+1·4**	**+0·7**	+1·4	+1·6	+1·2
5	+0·5	+0·7	+0·9	+1·4	+0·5	+0·1	+0·4	+0·1	−0·2	+0·1	−0·1	+0·9	+0·5	+0·5	+0·3	+0·4
6	+0·3	−0·1	+0·1	+0·2	−0·7	−1·4	−1·3	−0·8	−1·9	−1·1	−0·8	−0·1	−0·2	−0·7	−1·0	−0·6
7	0·0	−0·9	−1·0	−1·2	−1·9	−2·5	−2·3	−1·3	−2·7	−1·9	**−1·0**	−0·5	**−0·6**	−1·7	−2·0	−1·4
8	+0·3	**−1·0**	**−1·3**	−1·9	**−2·3**	**−2·8**	**−2·5**	**−1·6**	**−2·7**	**−2·1**	−0·5	**−0·7**	−0·5	**−2·0**	**−2·3**	**−1·6**
9	+0·4	−0·8	−0·9	−1·6	−2·0	−2·2	−1·7	−1·3	−2·0	−1·3	+0·1	−0·5	−0·2	−1·5	−1·8	−1·2
10	+0·6	−0·1	−0·2	−1·1	−1·3	−1·3	−0·8	−0·7	−0·7	−0·4	+0·4	−0·4	+0·1	−0·6	−1·0	−0·5
11	**+0·6**	+0·2	+0·2	−0·3	−0·6	−0·3	0·0	−0·2	+0·3	+0·1	**+0·4**	−0·1	+0·3	+0·1	−0·3	0·0
12	+0·5	+0·2	+0·2	+0·1	+0·1	+0·3	+0·2	+0·1	+0·6	+0·1	+0·2	0·0	+0·2	+0·2	+0·1	+0 2
13	+0·3	+0·1	+0·1	+0·1	+0·1	+0·1	+0·3	+0·1	+0·2	−0·2	−0·2	−0·1	0·0	+0·1	+0·2	+0·1
14	+0·2	+ 0·2	0·0	−0·1	−0·1	−0·3	−0·1	−0·2	+0·1	−0·1	+0·1	0·0	+0·1	0·0	−0·2	0·0
15	+0·1	+0·2	−0·1	−0·2	−0·3	−0·3	−0·4	−0 4	0·0	+0·1	+0·1	0·0	+0·1	−0·1	−0·3	− 0·1
16	+0·1	+0·1	0·0	−0·2	−0·1	−0·3	−0·4	−0 5	0·0	+0 2	+0·1	−0·1	0·0	0·0	−0·3	−0·1
17	0·0	+0·1	0·0	−0·1	−0·1	0·0	−0·1	−0·4	+0 1	+0·2	+0·1	−0·1	0·0	0·0	− 0·1	0·0
18	0·0	+0·1	+0·1	0·0	0·0	+0·1	0·0	−0·1	+0 2	+0·2	+0·2	0·0	+0·1	+0·1	0·0	+0·1
19	0·0	+0·2	+0·2	+0·2	+0·1	+0·2	+0·1	0 0	+0·3	+0·3	+0·3	0·0	+0·1	+0·2	+0·1	+0·1
20	0·0	+0·2	+0·2	+0·2	+0·2	+0·3	+ 0·1	+0·1	+0·3	+0·3	+0·3	−0·1	+0·1	+0·2	+0·2	+0·2
21	−0·1	+0·1	+0·1	+0·2	+0·3	+0·4	+0·2	+0·2	+0·3	+0·4	+0·3	0·0	+0·1	+0·3	+0·3	+0·2
22	−0·2	+0·1	+0·1	+0·2	+0·3	+0·4	+0·3	+0·2	+0·3	+0·4	+0·2	+0·1	+0·0	+0·2	+0·3	+0·2
23	−0·5	−0·1	0·0	+0·1	+0·2	+0·4	+0·3	+0 2	+0·3	+0·2	−0·1	+0·1	−0·1	+0·1	+0·3	+0·1
Non cyclic change (24h—0 h.)	−0·05	−0·09	−0·07	+0·01	−0·12	+0·06	−0·24	+0·13	−0·10	−0·03	−0·08	−0·05				

DIURNAL VARIATION OF H, 1935.

[INTERNATIONAL QUIET DAYS, GREENWICH MEAN TIME.]

	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
0	−7	−7	−7	−9	−9	−11	−11	−6	−6	−1	−10	−6	−7	−6	−9	−7
1	−3	−5	−9	−9	−8	−9	−10	−6	−5	−5	−9	−5	−5	−7	−8	−7
2	−1	−3	−4	−5	−2	−4	−3	−6	−7	−8	−1	−2	−2	−6	−4	−4
3	+6	+3	+5	+2	+3	+6	+7	−2	−8	−5	+8	+3	+5	−2	+3	+2
4	+10	+8	+16	+11	+11	+15	+14	+5	+2	+5	+15	+8	+10	+8	+11	+10
5	+19	+15	+28	+23	+19	+27	+22	+14	+13	+19	+24	+13	+18	+21	+20	+20
6	**+26**	+21	**+34**	+30	+24	**+32**	+26	+18	+20	+27	**+32**	**+18**	**+24**	+28	+25	+26
7	+25	**+22**	+32	**+32**	**+25**	+31	+28	+19	**+24**	**+31**	+25	+17	+22	**+30**	**+26**	**+26**
8	+21	+15	+27	+26	+22	+26	**+29**	**+19**	+21	+24	+20	+11	+17	+25	+24	+22
9	+13	+9	+18	+17	+14	+17	+20	+13	+15	+16	+11	+2	+9	+16	+16	+14
10	+6	+4	+7	+9	+6	+6	+11	+8	+7	+9	+4	+1	+4	+8	+8	+6
11	−1	+1	0	+1	+1	−3	0	+3	+1	+1	0	0	0	+1	0	+1
12	−5	0	−5	−4	−4	−9	−7	−2	−1	−3	−4	0	−2	−3	−5	−4
13	−8	−4	−10	−7	−8	**−13**	**−10**	−5	−3	−7	−10	−1	−6	−7	−9	−7
14	−11	−6	−11	−10	−12	−12	−12	−8	−5	−7	−7	−3	−7	−8	−11	−9
15	−10	−7	−12	−12	−10	−12	−13	**−9**	−8	−9	−9	−4	−8	−10	−11	−10
16	**−13**	−9	−15	**−12**	**−11**	−13	**−13**	−7	−9	−11	−12	−6	**−10**	−12	**−11**	**−11**
17	−11	−9	**−17**	**−12**	−9	−11	−13	−7	**−10**	−12	−11	**−8**	−10	**−13**	−10	−11
18	−10	**−9**	−14	−12	−8	−10	−12	−8	−9	−10	−12	−7	−10	−11	−9	−10
19	−10	−9	−15	−12	**−9**	−9	−11	−8	−8	−9	**−12**	−6	−9	−11	−9	−10
20	−10	−7	−15	−11	−9	−10	−10	−7	−6	−10	−12	−6	−9	−11	−9	−9
21	−10	−8	−14	−11	−9	−11	−10	−6	−6	**−12**	−11	−6	−9	−11	−9	−10
22	−10	−7	−10	−12	−10	−10	−10	−6	−6	−11	−11	−6	−9	−10	−9	−9
23	−8	−7	−8	−11	−10	−10	−10	−6	−7	−12	−9	−6	−8	−9	−9	−9
Non-cyclic change (24h—0 h.)	+2·7	+8·0	+4·0	+6·9	+6·7	+4·7	+6·7	+4·5	+4·6	+10·4	+7·1	+2·8				

DIURNAL VARIATION OF Y, 1935.

[INTERNATIONAL QUIET DAYS, GREENWICH MEAN TIME.]

	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
0	−7	0	−1	+1	+4	+6	+6	+4	+3	+2	0	−2	−2	+1	+5	+1
1	−9	−2	−1	+2	+10	+16	+14	+2	+8	+4	−3	−1	−4	+3	+10	+3
2	**−11**	−2	+1	+9	+21	+28	+24	+21	+22	+13	−4	−1	−4	+11	+24	+10
3	−8	+3	+7	+15	**+27**	**+31**	**+24**	**+22**	**+29**	**+15**	−2	+7	+1	**+17**	**+26**	**+15**
4	+2	**+8**	**+11**	**+21**	+20	+20	+17	+13	+17	+11	+3	**+16**	**+7**	+15	+17	+13
5	+5	+7	+9	+16	+6	+1	+4	0	−2	+1	−1	+10	+5	+6	+3	+5
6	+3	−1	0	+2	−8	−15	−14	−9	−21	−12	−9	−1	−2	−7	−11	−7
7	0	−10	−11	−14	−20	−28	−26	−14	−30	−20	**−11**	−5	**−6**	−19	−2	−16
8	−3	**−11**	**−15**	**−21**	**−25**	**−31**	**−27**	**−17**	**−30**	**−23**	−6	**−7**	−5	**−22**	**−25**	**−17**
9	+4	−9	−10	−18	−22	−25	−19	−14	−22	−14	+1	−5	−2	−16	−20	−13
10	+7	−2	−2	−12	−15	−14	−9	−8	−8	−4	+4	−5	+1	−7	−11	−6
11	**+7**	+2	+2	−3	−6	−4	0	−2	+3	+1	**+5**	**−1**	+3	+1	−3	0
12	+5	+2	+2	+1	+1	+3	+2	+1	+6	+1	+2	0	+2	+3	+2	+2
13	+3	+1	+1	+1	+1	+1	+3	+2	+2	−2	−2	−1	0	+1	+2	+1
14	+3	+2	0	−2	−1	−3	−1	−2	+1	−1	+1	0	+1	0	−2	0
15	+1	+2	−1	−2	−3	−4	−4	−4	0	+1	+1	0	+1	−1	−4	−1
16	+1	+1	0	−2	−2	−3	−4	−5	0	+2	+1	−1	0	0	−3	−1
17	0	+1	0	−1	−1	0	−1	−4	+1	+2	+1	−1	0	+1	−2	0
18	0	+2	+1	0	0	+1	+1	−1	+2	+2	+2	0	+1	+1	0	+1
19	0	+2	+2	+2	+2	+2	+1	0	+3	+3	+3	0	+1	+2	+1	+2
20	0	+2	+2	+2	+2	+4	+1	+1	+3	+3	+3	−1	+1	+3	+2	+2
21	−1	+1	+2	+2	+3	+5	+2	+2	+3	+4	+3	0	+1	+3	+3	+2
22	−2	+1	+1	+2	+3	+4	+3	+3	+3	+4	+3	+1	0	+2	+3	+2
23	−5	−1	0	+1	+3	+4	+3	+3	+3	+3	+2	−1	−1	+2	+3	+1

DIURNAL VARIATION OF Z, 1935.

[INTERNATIONAL QUIET DAYS, GREENWICH MEAN TIME.]

Hour.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Group means.			Year.
	I	I	II	II	III	III	III	III	II	II	I	I	I	II	III	
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
0	0	−1	+1	+2	+7	+9	+5	+8	+6	+6	−1	+2	0	+4	+7	+4
1	−1	−1	+1	+4	+13	+14	+11	+12	+12	+9	−2	+2	−1	+7	+13	+6
2	+1	0	+4	+7	+14	+11	+10	+15	+17	+13	+1	+2	+1	+11	+13	+8
3	+5	+4	+5	+5	+7	+1	+7	+6	+7	+6	+3	+9	+5	+6	+ 5	+5
4	+8	+3	+1	+1	− 7	−20	0	+9	−16	−6	−2	+5	+4	−5	−9	−3
5	+4	−7	−1	−9	−18	−31	−10	−14	−10	−18	−7	−8	−5	− 9	−18	−11
6	−1	−10	−11	−20	−20	−31	−21	−18	−35	−23	−10	−11	−8	−22	−23	−18
7	−5	−10	−14	−21	−23	−25	−18	−16	−25	−21	−7	−9	−8	−20	−21	−16
8	−2	−8	−9	−13	−17	−13	−19	−13	−11	−10	+2	−6	−3	−11	−15	−10
9	0	−3	−3	−5	−8	0	+2	−5	+1	+1	+5	−4	−1	−1	−3	−2
10	0	+1	+1	+3	+1	+8	+8	−1	+8	+6	+3	−1	+1	+4	+4	+3
11	+1	+3	+1	+6	+6	+14	+9	+3	+7	+4	+2	+1	+2	+4	+8	+5
12	0	+1	−1	+4	+4	+10	+6	+3	+2	−2	−2	+1	0	+1	+6	+2
13	−1	+1	−1	+1	+3	+4	0	+1	−1	−1	−1	+1	0	−1	+2	+1
14	−1	+2	−1	0	+1	+3	−3	−1	+1	+1	+1	+2	+1	0	0	0
15	−1	+2	+1	+1	+2	+5	−2	−1	+1	+2	+1	+2	+1	+1	+1	+1
16	−1	+2	+2	+3	+3	+6	0	+1	+2	+3	+2	+1	+1	+2	+3	+2
17	−1	+2	+2	+4	+4	+7	+2	+3	+3	+3	+2	+2	+1	+3	+4	+3
18	0	+3	+3	+5	+5	+6	+2	+4	+4	+5	+3	+3	+2	+4	+4	+3
19	0	+4	+4	+5	+5	+5	+3	+5	+5	+5	+2	+2	+2	+5	+4	+4
20	0	+3	+4	+4	+5	+5	+2	+5	+5	+5	+2	+2	+2	+5	+4	+3
21	−1	+3	+5	+4	+5	+4	+2	+4	+5	+5	+1	+1	+1	+5	+4	+3
22	−2	+3	+3	+4	+4	+4	+2	+4	+5	+4	+1	+1	+1	+4	+3	+3
23	−2	+2	+3	+3	+4	+3	+2	+4	+5	+4	+1	0	0	+4	+3	+3
Non-cyclic change (24h − 0 h.)	−6·2	−2·3	−1·7	−1·7	+0·9	+12·0	−2·3	−5·3	−4·9	+0·5	−5·7	+ ·8				

DIURNAL VARIATION OF I, 1935.

[INTERNATIONAL QUIET DAYS, GREENWICH MEAN TIME.]

0	+0·3	+0·1	+0·4	+0·5	+0·9	+1·0	+0·8	+0·8	+0·7	+0·5	+0·3	+0·4	+0·3	+0·5	+0·9	+0·6
1	0	+0·1	+0·4	+0·6	+1·2	+1·4	+1·2	+1·1	+1·1	+0·8	+0·2	+0·3	+0·1	+0·7	+1·2	+0·7
2	+0·1	+0·1	+0·5	+0·7	+1·1	+1·0	+0·9	+1·4	+1·5	+1·3	+0·1	+0·2	+0·1	+0·7	+1·1	+0·7
3	+0·2	+0·2	+0·2	+0·3	+0·4	−0·1	+0·3	+0·6	+0·8	+0·7	−0·1	+0·5	+0·2	+0·5	+0·3	+0·3
4	+0·3	−0·1	−0·5	−0·3	−0·9	−2·0	−0·5	−0·9	−1·3	−0·6	−0·7	+0·1	−0·1	−0·7	−1·1	−0·6
5	−0·4	−1·1	−1·1	−1·5	−2·0	−3·3	−1·5	−1·5	−1·2	−2·1	−1·4	−1·1	−1·0	−1·5	−2·1	−1·5
6	−1·1	−1·5	−2·0	−2·5	−2·4	−3·5	−2·5	−2·0	−3·3	−2·7	−1·9	−1·4	−1·5	−2·6	−2·6	−2·2
7	−1·3	−1·6	−2·2	−2·7	−2·6	−3·0	−2·4	−1·9	−2·7	−2·7	−1·4	−1·3	−1·4	−2·6	−2·5	−2·1
8	−0·9	−1·1	−1·7	−1·9	−2·1	−1·9	−2·4	−1·7	−1·6	−1·6	−0·5	−0·9	−0·9	−1·7	−2·0	−1·5
9	−0·5	−0·5	−0·8	−0·9	−1·1	−0·6	−0·6	−0·9	−0·5	−0·5	0	−0·4	−0·3	−0·7	−0·8	−0·6
10	−0·2	−0·3	−0·2	−0·1	−0·1	+0·4	+0·2	−0·3	+0·3	+0·1	+0·1	−0·1	−0·1	0	+0·1	0
11	+0·1	+0·2	+0·1	+0·4	+0·4	+1·1	+0·6	+0·1	+0·5	+0·2	+0·2	+0·1	+0·1	+0·3	+0·5	+0·3
12	+0·1	+0·1	+0·1	+0·5	+0·5	+1·1	+0·7	+0·3	+0·2	0	0	+0·1	+0·1	+0·2	+0·7	+0·3
13	+0·3	+0·2	+0·3	+0·3	+0·5	+0·8	+0·4	+0·2	0	+0·2	+0·3	+0·3	+0·2	+0·2	+0·5	+0·3
14	+0·3	+0·4	+0·3	+0·4	+0·4	+0·7	+0·2	+0·2	+0·2	+0·3	+0·3	+0·3	+0·4	+0·3	+0·4	+0·3
15	+0·3	+0·4	+0·5	+0·5	+0·5	+0·8	+0·3	+0·3	+0·4	+0·4	+0·4	+0·3	+0·3	+0·5	+0·5	+0·4
16	+0·4	+0·5	+0·7	+0·6	+0·6	+0·9	+0·5	+0·4	+0·5	+0·6	+0·5	+0·4	+0·4	+0·6	+0·6	+0·5
17	+0·3	+0·5	+0·7	+0·7	+0·6	+0·9	+0·6	+0·5	+0·6	+0·6	+0·6	+0·5	+0·5	+0·7	+0·7	+0·6
18	+0·3	+0·6	+0·7	+0·8	+0·6	+0·8	+0·6	+0·6	+0·6	+0·7	+0·6	+0·4	+0·5	+0·7	+0·7	+0·6
19	+0·4	+0·6	+0·8	+0·8	+0·7	+0·7	+0·6	+0·6	+0·6	+0·7	+0·6	+0·4	+0·5	+0·7	+0·7	+0·6
20	+0·4	+0·5	+0·8	+0·7	+0·7	+0·8	+0·5	+0·6	+0·6	+0·8	+0·6	+0·3	+0·5	+0·7	+0·7	+0·6
21	+0·3	+0·5	+0·7	+0·7	+0·7	+0·7	+0·5	+0·6	+0·6	+0·8	+0·5	+0·3	+0·4	+0·7	+0·6	+0·6
22	+0·2	+0·5	+0·6	+0·7	+0·7	+0·7	+0·5	+0·5	+0·6	+0·7	+0·5	+0·3	+0·4	+0·7	+0·6	+0·5
23	+0·1	+0·4	+0·5	+0·7	+0·7	+0·6	+0·5	+0·5	+0·6	+0·7	+0·4	+0·2	+0·3	+0·6	+0·6	+0·5

DIURNAL VARIATION OF F, 1935.

[INTERNATIONAL QUIET DAYS, GREENWICH MEAN TIME.]

0	−6	−6	−6	−8	−5	−6	−8	−2	−3	+1	−9	−5	−7	−4	−5	−5
1	−3	−5	−7	−6	−2	−2	−5	0	+1	0	−9	−3	−5	−3	−2	− 3
2	0	−3	−1	−2	+4	+1	+2	+1	+1	−2	−1	−1	−1	−1	+2	+0
3	+7	+4	+7	+4	+6	+6	+9	+1	−4	−2	+8	+7	+7	+1	+5	+4
4	+12	+ 8	+15	+10	+ 7	+ 5	+13	+1	−5	+2	+13	+9	+11	+5	+7	+17
5	+19	+11	+25	+17	+ 9	+11	+15	+7	+7	+9	+19	+8	+14	+15	+11	+13
6	+23	+15	+26	+19	+13	+15	+15	+9	+3	+15	+25	+12	+19	+15	+13	+16
7	+20	+16	+23	+20	+13	+18	+17	+10	+11	+19	+20	+12	+17	+18	+15	+17
8	+18	+10	+21	+18	+12	+13	+18	+12	+14	+17	+19	+8	+14	+18	+15	+15
9	+12	+6	+15	+13	+9	+15	+17	+10	+14	+15	+12	0	+7	+14	+13	+2
10	+5	+4	+7	+9	+6	+9	+13	+7	+10	+10	+5	0	+4	+9	+9	+7
11	0	+2	+1	+4	+3	+3	+4	+4	+4	+3	+1	+1	+1	+3	+4	+2
12	−4	0	−5	−2	−1	−4	−3	−1	−1	−3	−4	−1	−2	−3	−2	−3
13	−8	−3	−9	−6	−6	−10	−9	−4	−3	−7	−9	−1	−5	−6	−7	−6
14	−10	−5	−10	−9	−9	−10	−12	−8	−4	−7	−6	−1	−5	−7	−10	−7
15	−10	−5	−11	−10	−8	− 9	−12	−9	−7	−7	−8	−3	−7	− 9	−9	−8
16	−12	−7	−13	−10	−8	− 9	−12	−6	−8	−8	−10	−5	−9	−10	−9	−9
17	−10	−7	−14	−10	−6	−7	−11	−5	−7	−9	−9	−6	−8	−10	−7	−9
18	−9	−7	−11	−9	−5	−7	−10	−5	−6	−7	−9	−5	−8	−8	−7	−8
19	−9	−6	−12	−9	−6	−6	−9	−5	−5	−6	−10	−4	−7	−8	−7	−7
20	−9	−5	−12	−9	−6	−7	−8	−4	−4	−7	−10	−5	−7	−8	−6	−7
21	−9	−6	−11	−8	−6	−8	−8	−4	−3	−9	−9	−5	−7	−8	−7	−7
22	−10	−6	−7	−9	−7	−8	−9	−4	−3	−9	−9	−5	−7	− 7	−7	−7
23	−9	−5	−5	−9	−7	−8	−8	−4	−4	−9	−7	−5	−7	−7	−7	−7

DECLINATION (WESTERLY), 1935.

(Averages for sixty minutes centred at the full hours of Greenwich mean time.)

JANUARY. 0° PLUS TABULAR QUANTITIES.

Date.	Hours (G. M. T.).														
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	17·1	17·4	17·4	16·9	15·9	15·5	16·5	16·8	16·5	15·7	16·8	16·6	16·5	16·5	16·5
2	17·3	17·5	17·9	17·5	16·5	15·4	15·8	16·0	15·6	16·4	16·4	16·8	17·0	16·6	16·5
3	17·3	17·6	17·6	17·1	16·5	16·7	17·6	17·8	17·3	17·6	18·0	17·6	17·5	16·6	16·5
4	17·8	17·7	17·2	17·0	16·2	15·6	15·7	17·4	17·2	16·5	16·2	16·1	15·9	16·0	16·0
5	17·4	17·4	17·4	17·0	16·3	15·5	15·4	16·3	16·4	16·5	17·1	17·0	16·6	16·5	16·5
6†	17·4	17·6	17·6	17·2	16·0	15·0	14·9	15·8	16·3	16·4	16·6	16·7	16·5	16·4	16·5
7†	17·0	17·3	17·3	16·9	16·4	16·5	17·0	16·9	16·5	16·4	16·3	16·0	16·2	16·5	16·6
8†	17·8	18·1	18·4	18·2	17·5	16·9	17·5	17·5	17·4	17·1	16·6	16·1	16·4	16·6	16·6
9†	17·7	17·6	17·5	17·4	16·4	15·8	15·9	16·2	15·4	15·4	15·5	16·3	16·7	16·7	16·7
10†	17·5	17·7	18·1	18·0	17·1	17·3	17·2	17·3	17·1	16·7	16·2	15·8	16·0	16·5	16·7
11	17·6	17·2	17·1	16·9	16·7	16·7	17·7	18·1	17·5	17·4	17·5	17·2	16·7	16·5	16·5
12	17·0	16·8	17·2	16·9	16·9	16·7	17·5	17·7	16·9	16·5	16·4	16·2	16 2	16·5	16·7
13	16·9	17·1	17·3	17·1	16·5	15·8	16·9	17·3	17·3	17·1	17·4	17·4	17·3	16·7	16·6
14	16·8	17·1	17·2	17·1	16·4	16·0	17·5	18·5	17·9	17·1	16·9	16·6	16·5	16·5	16·4
15	17·1	17·5	18·0	18·0	17·3	16·9	17·5	17·8	17·8	17·5	17·3	17·5	17·0	16·8	16·6
16	17 5	17·5	17·6	17·0	16·2	15·5	15·9	16·0	15·6	15·6	16·4	16·6	16·7	16·7	16·4
17††	17·8	17·3	17·7	16.4	15·3	14·8	16·2	16·5	16·7	16·7	16·4	16·6	16·0	16·4	16·7
18	17·6	17·5	17·5	17·3	16·4	16·2	16·5	16·5	16·3	15·7	15·4	15·9	16·5	16·4	16·4
19	17·5	17·5	17·5	17·5	16·8	16·8	16·8	16·7	16·6	16·3	16·3	16·4	16·4	16·6	16·5
20	16·9	17·1	17·3	16·8	16·0	16·1	16·5	16·5	16·7	16·4	15·9	16·4	16·9	16·6	16·6
21	17·1	17·1	17·1	16·9	16·6	17·1	17·5	17·5	16·9	16·7	16·5	16·7	17·1	17·0	16·7
22	16·6	16·5	16·4	16·3	15·6	15·6	16·4	16·5	16·4	16·1	15·8	15·7	16·2	16·5	16·4
23††	17 0	16·7	16·7	16·8	16·8	17·8	18·7	18·7	18·6	17·6	17·4	16·5	16·5	16·3	16·4
24††	17·3	17·4	17·3	16·8	16·4	16·7	17·5	17·5	17·2	17·0	16·7	16·4	16·7	16·7	16·5
25	16 8	16·7	17·1	16·7	16·5	17·7	18·0	18·3	18·5	17·7	17·5	16·4	16·2	16·5	16·7
26	17 5	17·4	17·3	16·8	16·5	16·9	18·0	17·8	17·1	17·0	16·5	16·2	15 3	16·5	16·5
27††	16·7	16·8	16·8	16·4	15·8	15·9	17·3	18·7	18·6	18·3	17·7	17·1	16·9	17·2	17·2
28††	17·0	16·5	16·6	16·2	16·2	17·2	18·0	17·7	17·5	17·2	17·0	17·0	16·6	16·7	16·8
29	16·7	16·8	16·8	16·3	15·9	15·7	16·7	17·7	18·3	18·4	17·7	17·4	17·2	16·9	16·8
30	17·5	17·5	17·4	16·3	14·9	14·9	16·3	17·3	17·3	17·1	16·7	16·5	16·1	16·0	16·5
31	17·7	17·8	17·7	17·3	16·0	15·4	16·5	18·5	19·4	18·7	17·5	16·5	15·7	16·4	16·5
Mean . .	17·3	17·3	17·3	17·0	16·3	16·2	16·9	17·3	17·1	16·9	16·7	16·6	16·5	16·6	16·6
Mean† . .	17·5	17·7	1·8	17·6	16·7	16·3	16·5	16·8	16·5	16·4	16·2	16·2	16·4	16·6	16·6

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1††	17·4	17·3	16·9	15·6	14·0	13·4	14·0	15·0	15·8	16·9	17·2	16·9	16·6	16·5	16·2
2††	17·6	18·6	18·9	18·3	17·5	16·5	15·9	16·5	16·5	16·6	16·5	16·5	17·1	17,4	16·8
3	17·7	17·8	17·8	17·8	17·2	16·8	17·2	17·8	17·5	16·7	16·5	15·9	15·3	15·1	16·5
4†	17·5	17·5	17·3	16·7	16·7	16·8	17·4	17·8	17·9	17·4	16·8	16·6	17·0	17·2	17·0
5	17·6	17·7	17·7	17·1	16·5	15·7	16·3	17·3	17·5	16·9	16·4	15·6	15·7	16·5	16·6
6	17·6	17·6	17·5	16·9	16·4	16·3	16·8	17·6	17·9	17.6	17·5	17·3	17·2	17·0	17·0
7	17·6	17·9	17·7	17·2	16·7	16·4	16·7	17·7	17·6	17·5	17·0	16·7	16·6	16·7	16·7
8	17·1	17·2	17·6	17·1	16·7	17·0	17·5	17·7	17·5	17·3	17·2	16·6	16·3	16·4	16·7
9	17·2	17·2	17·4	17·2	16·6	16·4	17·3	17·7	18·3	18·1	17·2	16·6	16·6	16·5	16·5
10	16·9	17·0	17·1	16·7	16·6	16·8	17·5	18·5	18·4	17·6	17·2	17·0	17·0	16·9	16·8
11†	17·4	17·5	17·8	17·5	17·0	16·6	17·0	17·6	17·9	18·1	17·5	17·3	17·0	16.7	16·7
12	17·2	17·5	17·5	17·5	17·2	17·0	16·7	17·1	17·4	17·6	17·4	17·2	17·3	17·1	16·9
13††	17·5	17·8	18·0	17·5	16.7	16·8	17·0	17·4	17·5	17·4	17·1	17·2	17·5	17·2	17·0
14††	17·5	17·4	17·9	18·1	16·9	16·3	16·5	17·2	16·7	16·5	16·9	16·7	16·6	16·7	16·5
15	17·1	17·5	17·5	16·7	15·7	14·9	15·4	16·4	16·5	17·5	17·6	17·0	16·8	16·9	16·8
16	17·1	17·2	17·4	17·0	16·4	16·4	16·6	16·9	17·1	17·5	17·6	17·3	16·9	16·8	17·1
17	17·2	17·4	17·6	17·2	17·0	17·0	17·0	17·6	17·2	17·1	17·2	17·1	17·1	17·1	17·0
18	16·7	17·1	17·0	16·7	16·0	16·0	16·5	17·2	17·2	17·3	17·5	17·3	17·3	17·0	17·1
19†	17·2	17·3	17·5	17·5	17·0	16·9	17·1	17.8	17·6	17·5	17·0	16·7	16·7	16·9	16·7
20	17·1	17·2	17·1	17·0	17·0	17·5	17·4	17·3	17·9	18·4	18·3	18·1	17·6	17·5	17·2
21	16·7	17·0	17·5	17·1	17·4	17·7	17·6	17·3	16·9	16·3	16·3	16·4	16·5	17·1	16·9
22	16·4	17·0	16·9	16·6	16·6	16·6	17·6	17·8	17·9	17·8	17·3	16·9	16·8	16·9	17·1
23	16·8	17·1	17·2	16·9	16·6	17·1	17·3	17·4	17·5	17·2	16·5	16·0	16·2	16·7	16·9
24	16·3	16·5	16·7	16·5	16·8	17·7	18·4	19·1	18·9	18·0	17·2	16·2	15·8	16.5	16·5
25	15·9	15·7	16·3	16·5	16·6	17·1	17·6	17·6	17·7	17·5	17·1	16·8	17·0	17·6	17·5
26††	16·8	16·7	16·7	16·3	15·9	16·4	17·0	18·2	18·5	17·5	16·6	16·2	15·4	15·1	16·2
27†	16·7	16·7	16·7	16·5	16·3	17·1	18·3	19·5	19·3	18·9	17·7	17·0	16·9	17·0	16·7
28†	16·8	16·8	16·7	15·4	14·4	14·7	15·8	16·7	17·5	17·4	17·0	16·8	16·9	16·9	17·2
Mean . .	17·1	17·3	17·3	17·0	16·5	16·5	16·9	17·5	17·6	17·4	17·1	16·8	16·7	16·8	16·8
Mean† . .	17·2	17·2	17·3	16·8	16·3	16·4	7·2	17·9	18·1	17·9	17·2	16·9	16·9	16·9	16·9

† Five international quiet days.
†† Five international disturbed days.

(Averages for sixty minutes centred at the full hours of Greenwich mean time.)

JANUARY. 0° PLUS TABULAR QUANTITIES.

Hours (G. M. T.).									Mean.*	Maximum.		Minimum.		Date.
15	16	17	18	19	20	21	22	23		Time.	Mag.	Time.	Mag.	
′	′	′	′	′	′	′	′	′	′	H. M.	′	H. M.	′	
16·4	16·4	16·5	16·5	16·6	16·7	16·7	17·0	17·0	16·6	4 40	15·1	0 50	17·6	1
16·2	16·4	16·5	16·5	16·5	16·7	16·8	16·8	17·1	16·6	5 4	15·3	2 16	18·1	2
16·4	16·4	16·4	16·5	16·6	16·8	17·0	17·0	17·3	17·1	18 4	16·2	6 36	18·1	3
16·1	16·1	16·2	16·0	16·2	16·4	16·6	16·9	17·2	16·5	5 38	15·4	0 34	18·7	4
16·4	16·5	16·5	16·7	16·7	16·7	16·9	17·0	17·2	16·7	5 42	15·2	0 30	17·5	5
16·6	16·6	16·7	16·7	16·7	16·7	16·8	16·9	17·0	16·8	5 40	14·6	1 50	17·9	6†
16·7	16·7	16·9	16·9	17·0	17·0	17·0	17·2	17·5	16·8	11 18	15·8	23 50	17·9	7†
16·8	16·9	16·8	16·7	16·7	16·8	16·9	17·1	17·5	17·1	11 4	15·9	2 10	18·6	8†
16·7	16·7	16·9	16·9	16·9	16·7	16·7	17·1	17·2	16·6	8 10	15·3	0 10	17·9	9†
16·7	16·9	16·9	16·7	16·7	16·9	17·2	17·2	17·5	17·0	11 10	15·7	2 10	18·3	10†
16·7	16·7	16·7	16·7	16·7	16·7	16·7	16·9	16·8	17·0	4 40	16·3	6 46	18·4	11
16·6	16·7	16·7	16·9	16·9	16·9	16·9	16·8	17·1	16·8	11 10	16·0	6 40	18·0	12
16·7	16·7	16·6	16·6	16·7	16·5	16·5	16·6	16·8	16·9	5 0	15·7	6 30	17·6	13
16·4	16·4	16·6	16·6	16·6	16·6	16·7	16·8	16·9	16·8	4 50	15·9	6 48	18·7	14
16·5	16·5	16·2	16·2	16·3	16·4	16·5	16·7	17·1	17·1	17 10	16·1	7 26	18·2	15
16·4	16·5	16·6	16·7	16·6	16·8	16·7	16·7	16·4	16·5	8 0	15·4	1 50	17·8	16
16·4	16·4	16·5	16·5	16·5	16·5	16·6	16·6	17·5	16·5	4 40	14·5	0 18	18·3	17††
16·4	16·4	16·5	16·5	16·5	16·6	16·6	16·9	16·9	16·6	10 2	15·3	0 0	17·8	18
16·5	16·5	16·5	16·5	16·5	16·5	16·6	16·6	16·7	16·7	9 14	16·1	0 4	17·8	19
16·6	16·6	16·7	16·4	16·4	16·5	16·4	16·6	16·9	16·6	4 14	15·8	1 50	17·4	20
16·6	16·6	16·5	16·5	16·3	16·1	15·9	16·0	16·2	16·7	20 40	15·7	6 18	17·7	21
16·4	16·4	16·5	16·4	16·4	16·4	16·4	16·4	16·5	16·3	4 20	15·3	6 36	16·8	22
16·5	16·5	16·6	16·6	16·4	16·5	16·6	17·1	17·1	17·0	12 54	16·1	6 30	19·2	23††
16·7	16·4	16·4	16·7	16·8	16·4	16·3	16·4	16·6	16·8	20 44	16·1	6 8	17·6	24††
16·7	16·7	16·7	16·8	16·9	17·1	17·0	16·9	17·1	17·1	12 2	16·1	7 34	18·6	25
16·7	16·5	16·8	16·7	16·5	16·5	16·5	16·7	16·7	16·8	11 6	16·0	6 6	18·2	26
17·5	17·5	17·5	17·2	17·0	16·9	16·7	17·5	16·3	17·1	5 2	15·6	7 0	18·9	27††
16·6	16·6	16·5	16·5	16·6	16·6	16·5	16·7	16·7	16·8	3 50	15·9	6 18	18·2	28††
16·8	16·9	17·0	17·0	17·1	17·1	17·0	17·2	17·3	17·1	4 54	15·5	8 34	18·7	29
16·5	16·6	16·6	16·7	16·8	17·0	17·2	17·2	17·4	16·7	4 30	14·6	1 20	17·6	30
16·6	16·7	16·6	16·8	16·9	17·0	17·2	17·2	17·4	17·1	5 2	15·1	8 0	19·6	31
16·6	16·6	16·6	16·6	16·7	16·7	16·7	16·9	17·0	16·8					Mean.
16·7	16·8	16·8	16·8	16·8	16·8	16·9	17·0	17·3	16·8					Mean.†

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15·8	15·4	15·2	14·7	15·0	15·5	16·0	16·3	16·8	15·9	5 2	13·3	23 58	17·7	1††
16·5	16·0	16·2	15·2	15·0	15·5	16·5	17·0	17·6	16·8	18 18	14·7	1 54	19·2	2††
16·5	16·5	16·5	16·6	16·7	16·7	16·8	16·8	17·2	16·8	13 6	14·7	7 6	18·0	3
16·8	17·0	17·0	17·0	16·8	16·9	17·2	17·4	17·5	17·1	3 30	16·6	7 2	18·1	4†
16·7	16·7	16·7	16·7	16·7	16·7	16·9	17·1	17·5	16·8	11 16	15·6	0 46	17·9	5
17·0	17·0	17·0	16·8	17·0	17·1	17·3	17·4	17·5	17·2	4 54	16·2	7 34	18·1	6
16·7	16·7	16·8	16·9	17·0	16·7	16·7	16·9	16·9	17·0	5 36	16·3	0 42	18·1	7
16·6	16·7	17·0	17·0	17·0	16·8	16·8	17·2	17·3	17·0	12 44	16·2	6 42	18·1	8
16·7	16·7	16·8	16·7	16·7	16·7	16·6	16·6	16·7	16·9	4 34	16·3	8 6	18·6	9
16·9	16·7	16·8	17·0	17·0	17·1	17·1	17·0	17·3	17·1	16 6	16·5	7 10	18·7	10
16·9	16·9	17·1	17·1	17·1	16·9	16·9	16·9	17·1	17·2	4 50	16·6	8 50	18·2	11†
17·1	17·0	16·9	16·8	16·7	17·0	17·0	17·1	17·5	17·2	6 2	16·6	0 50	17·7	12
16·9	16·7	16·6	16·5	15·9	15·2	16·1	15·5	16·6	16·9	19 42	15·0	1 42	18·3	13††
16·5	16·6	16·4	16·4	16·3	16·5	16·6	16·6	16·7	16·7	5 30	15·6	2 26	18·6	14††
16·7	16·3	16·1	16·3	16·5	16·1	16·2	16·5	16·8	16·6	5 10	14·7	9 46	17·8	15
16·7	16·6	16·7	16·3	16·6	16·6	16·8	17·1	17·0	16·9	17 50	16·1	9 36	17·7	16
16·8	13·8	16·7	16·6	16·7	16·6	16·7	16·7	16·8	17·0	20 30	16·5	1 20	17·7	17
17·0	16·9	17·1	16·8	16·7	16·5	16·5	16·6	17·0	16·9	4 34	15·8	9 30	17·5	18
16·7	16·9	16·9	16·7	16·6	16·7	16·8	16·8	17·0	17·0	18 30	16·5	6 46	17·9	19†
17·1	16·8	16·9	16·8	16·7	16·6	16·3	16·3	16·5	17·2	21 12	16·2	8 50	18·6	20
16·7	16·7	16·6	16·5	16·5	16·4	16·5	16·5	16·4	16·8	11 32	15·5	5 0	17·9	21
17·0	17·0	17·1	16·9	16·8	16·6	16·7	16·6	16·7	17·0	0 0	16·3	6 30	18·1	22
17·0	17·1	17·1	17·0	16·7	16·5	16·2	16·2	16·5	16·8	10 54	15·9	6 16	17·7	23
16·5	16·7	16·5	16·7	16·3	16·3	16·3	16·2	16·1	16·9	11 54	15·5	7 10	19·3	24
17·2	17·2	17·1	17·1	17·1	16·9	16·8	16·9	16·9	17·0	1 32	15·5	6 2	17·8	25
16·2	16·3	15·9	13·5	16·7	16·8	16·7	16·6	16·7	16·6	13 0	14·6	7 38	18·8	26††
16·9	17·0	17·1	17·0	17·0	17·0	17·0	16·9	16·8	17·3	3 42	16·3	7 34	19·9	27†
17·0	16·9	17·0	17·0	17·1	17·1	17·2	17·3	17·4	16·7	4 20	14·2	8 6	17·6	28†
16·8	16·7	16·7	16·6	16·6	16·6	16·7	16·7	17·0	16·9					Mean.
16·9	16·9	17·0	16·9	16·9	16·9	17·0	17·0	17·1	17·1					Mean†

* The daily mean value of declination derived from 24 hourly values has been corrected for progressive change by adding 1/48th of the difference between the values of the initial and terminal hours.

†Five international quiet days.

††Five international disturbed days.

DECLINATION (WESTERLY), 1935.

(Averages for sixty minutes centred at the full hours of Greenwich mean time.)

MARCH. 0° PLUS TABULAR QUANTITIES.

Date.	Hours. (G. M. T.)														
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	17·3	17·2	17·1	16·4	16·0	16·1	16·7	17·8	18·1	18·0	17·9	18·1	16·7	16·2	16·0
2	17·6	17·8	17·5	16·8	16·3	16·7	17·1	17·3	17·3	16·7	16·5	16·8	17·2	16·3	16·5
3	17·8	17·8	17·7	17·0	16·1	16·3	17·2	17·5	17·2	17·2	17·1	16·7	16·9	17·3	17·2
4†	17·3	17·7	17·6	17·0	16·2	16·3	17·0	17·8	17·8	17·1	16·7	16·3	16·5	17·1	17·1
5	17·4	17·8	17·9	17·9	17·9	17·8	18·2	18·8	18·8	18·2	17·6	17·1	16·7	16·8	17·1
6	17·3	17·9	17·4	16·6	16·0	15·4	15·4	15·9	16·3	16·3	15·9	16·3	16·6	17·2	17·3
7	17·7	17·9	18·0	17·7	17·1	16·7	16·2	16·4	16·9	17·1	16·9	16·6	17·1	17·1	17·1
8	17·1	17·1	17·1	16·3	16·0	16·3	17·0	17·2	17·3	17·7	17·7	17·2	17·1	17·3	17·1
9	16·4	16·3	16·4	16·1	16·1	16·3	16·9	17·3	17·9	17·9	17·4	17·1	17·0	17·0	16·9
10†	17·1	17·1	17·0	16·2	15·9	15·6	15·9	16·6	17·2	17·7	17·2	17·2	17·1	17·0	16·8
11	17·0	16·9	16·7	16·0	15·1	15·1	15·9	16·9	17·5	17·2	17·0	16·9	16·9	17·0	16·5
12	17·1	17·1	16·9	16·2	16·1	16·2	16·6	16·9	17·1	17·7	17·3	17·1	17·3	17·5	17·1
13††	17·1	17·0	16·9	16·1	15·2	15·9	16·2	16·8	17·1	16·9	16·1	16·8	15·9	16·7	16·9
14††	17·0	17·0	17·1	17·1	17·1	17·1	16·6	16·5	16·7	16·6	15·8	16·2	15·9	16·8	16·9
15††	16·5	16·7	16·1	15·9	15·9	15·9	16·7	17·9	18·4	17·2	16·6	16·8	16·8	16·9	16·7
16††	16·9	16·9	16·7	15·5	15·6	16·5	18·2	18·6	18·5	17·9	17·3	17·1	16·9	16·8	16·5
17	17·1	16·8	16·4	16·2	16·6	17·5	18·7	18·8	18·7	17·6	16·5	16·6	16·8	16·7	16·6
18	16·9	16·5	15·9	15·6	15·9	16·8	17·8	18·4	18·2	17·6	17·1	17·1	17·6	17·3	17·3
19	16·9	16·9	16·1	15·0	14·6	15·5	16·3	16·9	16·9	17·1	16·9	16·3	16·3	16·5	16·8
20	16·7	16·4	15·5	14·8	14·7	15·1	15·6	17·0	17·8	18·4	17·9	17·1	17·3	17·5	17·5
21	17·4	17·3	17·0	15·3	14·9	14·8	15·5	16·6	17·4	17·6	16·8	16·7	16·9	17·2	17·1
22	16·8	17·0	17·1	16·8	16·7	17·5	18·4	18·6	18·5	18·7	18·3	17·6	17·2	17·2	17·3
23	17·0	17·1	16·5	15·9	15·7	15·9	16·5	16·9	17·5	17·8	17·6	17·2	16·7	16·7	16·7
24	16·9	17·3	17·7	18·0	17·7	17·2	17·1	17·6	18·3	18·9	18·3	17·6	17·2	16·8	16·9
25	16·5	16·5	16·1	15·1	14·6	14·6	15·3	16·5	17·2	16·5	16·3	16·2	16·1	16·6	16·7
26	16·3	16·6	16·8	16·1	15·4	15·7	17·0	17·9	17·7	16·9	16·9	16·8	16·8	17·0	17·0
27†	16·7	16·7	16·4	16·1	16·0	16·3	17·1	18·1	18·6	18·1	17·3	17·1	17·1	16·9	16·9
28†	16·8	16·9	16·5	15·9	15·5	15·6	16·7	18·2	18·5	18·1	17·3	16·5	16·3	16·5	16·9
29†	16·8	16·5	16·0	15·6	15·7	16·3	17·2	18·4	18·5	17·8	16·9	16·3	16·4	16·5	16·8
30††	17·0	16·7	16·3	16·1	16·0	16·1	17·0	17·9	17·7	17·1	17·0	17·1	17·9	17·9	17·1
31	17·2	17·1	16·3	15·7	15·6	15·9	16·7	18·0	18·6	18·3	17·6	17·3	16·9	16·9	16·6
Mean . .	17·0	17·1	16·8	16·2	15·9	16·2	16·8	17·5	17·7	17·5	17·1	16·9	16·8	16·9	16·9
Mean† . .	17·0	17·0	16·7	16·2	15·9	16·0	16·8	17·9	18·2	17·8	17·1	16·7	16·7	16·8	16·9

APRIL.

1	16·9	17·0	16·4	15·4	14·9	14·9	16·3	18·2	19·0	19·2	18·7	17·5	16·8	16·8	17·0
2†	17·1	17·0	16·5	15·9	15·0	15·7	17·3	18·2	20·0	19·8	18·8	17·7	17·0	16·6	17·0
3	17·0	16·7	15·3	14·3	14·1	14·6	16·1	17·2	18·0	18·1	17·8	16·9	16·4	16·5	17·1
4	17·0	16·7	15·8	14·9	14·3	14·4	15·8	17·6	18·7	18·2	17·6	17·2	16·9	16·6	16·7
5	16·9	16·6	15·8	14·6	14·2	15·1	16·9	18·3	19·2	19·1	19·0	18·1	17·1	16·7	16·6
6†	16·9	16·8	16·1	14·8	13·7	13·6	15·4	17·5	18·2	18·3	18·1	17·4	17·1	16·9	17·0
7†	16·9	17·1	16·6	15·3	14·4	14·4	15·3	17·3	18·3	19·1	19·0	18·1	17·5	17·0	17·0
8	17·0	17·5	16·9	15·7	14·9	15·1	16·1	17·2	17·9	17·9	17·5	16·9	16·7	16·6	16·5
9††	17·0	17·0	15·9	15·1	14·9	15·1	15·7	16·3	16·4	16·4	16·7	16·5	16·4	16·0	16·0
10††	16·7	16·7	16·1	16·0	16·1	16·7	17·6	18·0	18·5	18·9	19·1	18·2	17·7	17·0	17·0
11††	15·8	14·4	13·7	14·1	14·5	14·8	15·7	16·9	17·8	17·7	17·3	15·9	16·1	16·4	16·6
12††	16·5	15·8	14·9	14·4	14·5	15·1	16·3	17·7	18·1	17·7	17·0	16·3	16·4	15·7	16·1
13††	16·3	16·0	15·4	15·2	15·2	15·3	16·7	18·1	18·5	18·1	17·5	16·6	15·8	16·1	16·4
14	16·5	16·1	15·1	14·4	14·5	15·1	16·5	17·5	17·5	17·4	17·1	16·7	16·1	16·1	16·3
15	16·3	15·9	14·7	14·1	15·1	16·8	18·3	19·4	18·7	17·8	16·8	16·5	16·4	16·8	16·9
16	16·5	16·1	15·0	14·5	14·3	14·7	15·5	17·0	18·0	17·9	17·7	16·9	16·8	16·5	16·8
17	16·6	16·1	15·0	14·7	14·7	15·1	16·3	17·8	18·6	18·4	17·8	17·1	16·6	16·8	17·0
18	16·4	16·1	15·5	14·7	14·4	15·4	16·9	18·8	20·5	19·9	18·9	17·8	16·6	16·4	16·8
19	16·3	15·9	14·9	14·4	14·5	15·0	16·4	17·7	18·6	18·7	18·1	17·4	16·9	16·5	16·6
20	16·6	16·5	15·7	14·4	13·8	15·0	16·7	18·3	19·0	18·5	17·4	16·3	15·8	15·8	16·4
21	16·0	15·7	14·7	13·9	13·8	14·4	15·7	17·4	18·3	18·2	17·3	16·6	16·0	16·1	16·4
22	16·3	16·1	15·3	14·7	14·7	15·7	17·7	19·5	20·2	19·5	18·4	17·2	16·5	16·2	16·4
23	16·5	16·4	15·5	14·0	13·4	14·2	16·2	17·5	18·5	18·5	17·7	16·5	16·1	16·2	16·6
24	16·6	16·5	15·8	15·7	15·6	16·7	18·4	19·2	19·4	18·9	17·9	17·0	16·4	16·1	16·5
25§	16·1	15·9	14·4	..	..	..	..	..	..	..	..	..	..	..	..
26§	..	..	..	..	..	..	..	..	..	..	..	17·1	16·3	16·5	17·0
27†	16·9	16·6	16·1	15·9	15·7	16·3	17·6	18·9	18·7	17·9	17·5	17·0	16·7	16·9	17·3
28†	16·9	16·6	16·1	16·4	16·9	17·9	18·6	19·1	19·1	18·1	17·2	16·4	16·4	17·1	17·4
29	16·9	16·3	15·4	15·0	15·5	16·2	17·5	18·5	18·4	17·8	17·2	16·5	16·1	16·9	17·7
30	17·0	16·6	15·8	15·5	15·9	17·3	18·7	19·6	19·8	19·3	18·6	17·3	17·0	17·3	17·6
Mean . .	16·7	16·4	15·6	14·9	14·8	15·4	16·7	18·0	18·6	18·4	17·9	17·0	16·6	16·5	16·8
Mean† . .	16·9	16·8	16·2	15·7	15·1	15·6	16·8	18·2	18·9	18·6	18·1	17·3	16·9	16·9	17·2

†Five international quiet days.
††Five international disturbed days.
§Loss of record : The days have been omitted for means.

(Averages for sixty minutes centred at the full hours of Greenwich mean time.)

MARCH. 0° PLUS TABULAR QUANTITIES.

Hours (G. M. T.)									Mean.*	Maximum.		Minimum.		Date.
15	16	17	18	19	20	21	22	23		Time.	Mag.	Time.	Mag.	
′	′	′	′	′	′	′	′	′	′	H. M.	′	H. M.	′	
16·9	17·1	17·2	17·1	16·3	17·1	17·1	17·1	17·2	17·0	13 50	15·4	8 30	18·1	1
16·8	16·2	16·5	17·0	17·0	17·1	17·2	17·3	17·6	17·0	16 0	15·7	1 54	17·7	2
17·0	17·0	17·0	16·7	16·9	16·9	16·8	17·1	17·3	17·1	4 15	16·0	1 14	17·8	3
17·1	17·1	17·0	17·1	17·1	17·1	17·1	17·1	17·3	17·1	4 30	15·9	1 32	18·0	4†
17·1	17·1	17·1	17·0	17·0	16·9	16·9	17·2	17·2	17·5	12 30	16·6	7 30	18·9	5
17·1	17·1	17·0	16·8	16·8	16·8	16·8	17·1	17·2	16·7	5 10	15·1	1 40	17·9	6
17·1	17·1	17·1	17·0	16·6	16·6	16·9	16·9	17·1	17·0	6 25	16·	1 50	17·9	7
17·1	17·1	16·9	16·9	16·7	16·6	16·4	16·4	16·4	16·9	4 18	15·8	9 30	17·6	8
16·9	17·0	17·1	17·1	17·1	17·1	17·1	17·1	17·1	16·9	3 0	15·7	8 3	17·9	9
16·7	16·5	16·6	16·7	16·7	16·5	16·8	16·9	16·9	16·7	4 30	15·3	8 30	17·6	10†
15·8	16·0	16·6	16·5	16·9	17·0	17·0	17·0	17·0	16·6	4 30	14·8	8 4	17·3	11
17·1	17·3	17·2	17·2	17·1	17·1	17·1	17·1	17·0	17·0	3 58	15·9	9 15	17·5	12
16·5	16·0	15·6	16·0	16·8	17·0	17·0	17·0	17·0	16·5	3 54	15·1	0 4	17·2	13††
16·5	16·2	16·2	15·9	16·4	16·9	17·0	17·0	16·8	16·6	16 52	15·4	5 30	17·5	14††
16·6	16·7	17·0	17·0	16·9	16·9	16·8	17·1	17·0	16·8	4 10	15·7	7 38	18·5	15††
16·6	16·6	16·7	16·8	16·7	16·8	17·5	17·1	16·7	17·0	3 37	15·4	7 22	18·7	16††
16·9	16·9	16·9	16·9	16·9	16·8	16·9	17·0	16·9	17·1	2 38	15·9	6 16	18·9	17
17·2	16·6	16·5	16·3	16·3	16·4	16·4	16·7	17·1	16·9	3 30	15·5	6 34	18·5	18
16·9	16·9	16·9	16·9	16·5	16·2	16·5	16·7	16·8	16·5	3 48	14·4	9 0	17·2	19
17·5	17·0	16·5	16·4	16·3	16·4	16·6	16·6	17·3	16·7	3 30	14·6	9 4	18·6	20
16·3	15·9	15·8	16·1	15·7	15·8	16·0	16·4	16·6	16·4	5 0	14·7	9 0	17·8	21
17·3	17·2	17·0	16·9	16·8	16·8	16·7	16·7	16·8	17·3	3 42	16·6	7 20	18·9	22
16·8	17·0	16·8	16·8	16·8	16·7	16·6	16·6	16·8	16·8	3 30	15·6	8 34	17·9	23
17·0	16·9	16·7	16·6	16·7	16·4	16·3	16·3	16·3	17·2	21 38	16·2	9 0	19·0	24
16·8	17·1	17·1	16·9	16·8	16·7	16·7	16·7	16·7	16·3	4 50	14·5	8 8	17·3	25
17·1	16·8	16·7	16·6	16·6	16·6	16·6	16·6	16·8	16·7	4 14	15·4	6 58	18·1	26
17·1	17·1	17·0	17·0	16·8	16·7	16·7	16·8	16·8	17·0	3 46	15·9	7 56	18·7	27†
17·1	17·0	16·9	16·5	16·5	16·5	16·6	16·7	16·8	16·8	4 40	15·4	7 22	18·6	28†
17·0	16·8	16·9	16·7	16·8	16·7	16·7	16·7	17·0	16·8	3 2	15·4	7 40	18·8	29†
16·6	17·0	17·0	17·0	16·8	16·8	17·2	17·2	17·1	17·0	4 7	15·9	12 18	18·4	30††
16·4	16·3	16·5	16·5	16·5	16.5	16·5	16·5	16·5	16·8	3 16	15·5	8 20	18·7	31
16·9	16·8	16·8	16·7	16·7	16·7	16·8	16·9	16·9	16·9					Mean.
17·0	16·9	16·9	16·8	16·7	16·7	16·7	16·8	16·9	16·9					Mean†.

APRIL.

17·0	16·9	16·8	16·8	16·7	16·7	16·9	16.9	17·0	17·0	4 48	14·7	8 42	19·4	1
17·0	17·0	17·0	17·0	16·8	16·7	16·7	16·8	17·0	17·1	4 30	14·9	8 00	20·2	2†
17·0	17·1	17·0	17·0	16·9	16·8	16·8	16·9	17·0	16·6	3 51	14·0	8 30	18·3	3
16·7	16·6	16·6	16·5	16·4	16·3	16·3	16·7	16·9	16·6	4 30	14·1	8 12	18·8	4
16·9	16·9	16·9	16·8	16·7	16·6	16·5	16·6	16·8	16·9	4 10	14·1	8 00	19·4	5
16·9	16·9	16·9	16·8	16·6	16·6	16·6	16·7	16·9	16·6	4 36	12·3	8 20	18·4	6†
17·1	17·0	16·9	16·9	16·8	16·8	16·8	16·9	16·9	16·9	4 40	14·3	9 0	19·2	7†
16·8	17·0	16·9	16·9	16·8	16·8	16·7	16·6	16·9	16·7	4 40	14·7	8 22	18·1	8
16·3	15·9	16·2	16·4	16·5	16·5	16·4	16·6	16·7	16·2	3 48	14·8	0 14	17·1	9††
16·9	16·9	15·9	15·0	14·7	14·8	15·1	15·4	15·8	16·7	20 30	14·3	9 46	19·3	10††
16·1	16·2	16·1	16·1	15·9	15·8	15·8	16·2	16·8	16·0	2 06	13·0	8 18	18·0	11††
16·7	16·2	16·1	16·1	16·0	16·0	15·9	15·9	16·2	16·1	3 12	14·2	7 34	18·3	12††
16·5	16·2	16·1	15·9	15·9	15·4	16·1	16·7	16·7	16·4	2 30	15·1	7 32	18·8	13††
16·3	16·3	16·3	16·3	16·1	16·1	16·2	16·2	16·3	16·2	3 10	14·2	7 22	17·7	14
16·8	16·8	16·7	16·6	16·5	16·5	16·5	16·5	16.5	16·7	3 26	14·0	7 44	19·6	15
16·7	16·0	15·9	15·9	15·9	15·9	16·1	16·1	16·4	16·2	4 14	14·2	7 56	18·2	16
16·9	16·6	16·3	16·1	16·0	15·9	15·9	16·0	16·3	16·4	3 04	14·5	7 50	18·7	17
16·7	16·6	16·4	16·1	16·2	16·0	16·0	15·7	16·0	16·7	4 02	14·2	8 10	20·7	18
16·5	16·3	15·9	16·1	16·1	16·1	16·3	16·1	16·3	16·4	3 06	14·3	8 44	18·7	19
16·5	16·3	16 2	16·2	16·2	16·1	16.0	16·1	16·0	16·3	3 52	13·7	8 00	19·0	20
16·4	16·3	16·2	16·0	16·2	16·1	16·2	16·2	16·2	16·1	3 50	13·7	8 20	18·5	21
16·6	16·5	16·3	16·3	16·4	16·4	16·5	16·4	16·5	16·8	3 38	14·6	7 40	20·4	22
16·7	16·8	16·8	16·7	16·7	16·5	16·2	16·4	16·5	16·4	3 45	13·2	8 16	18·9	23
16·4	16·3	16·3	16·4	16·3	16·3	16·2	16·1	16·1	16·8	3 54	15·3	7 50	19·5	24
..	..	..	..	..	..	..	..	..	..	..	..	..	..	25§
17.2	17·2	17·1	17·0	17·0	16·9	16·9	17·0	17·0	..	..	..	..	..	26§
17·5	17·4	17·3	17·1	17 0	17·0	17·0	16·9	16·9	17·1	3 38	15·5	7 28	19·1	27†
17·5	17·5	17·4	17·3	17·1	17·1	17·0	16·9	16·9	17·3	2 08	16·0	7 0	19·3	28†
17·7	17·6	17·4	17·1	17·0	17·0	17·0	17·0	17·0	16·9	3 20	14·9	7 36	18·7	29
17·6	17·5	17·3	17·0	16·9	16·8	16·7	16·7	17·0	17·4	3 10	15·3	7 39	19·9	30
16·8	16·7	16·6	16·5	16·4	16·4	16·4	16·4	16·6	16·6					Mean.
17·2	17·2	17·1	17·1	16·8	16·8	16·8	16·9	16·9	17·0					Mean†.

*See footnote on page B-5.
†Five international quiet days.
††Five international disturbed days.
§Loss of record : The days have been omitted for means.

DECLINATION (WESTERLY), 1935.

(Averages for sixty minutes centred at the full hours of Greenwich mean time.)

MAY. 0° PLUS TABULAR QUANTITIES.

Date.	Hours (G. M. T.)														
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1††	17·0	16·2	15·2	14·7	15·4	17·5	19·2	19·7	19·7	19·2	18·7	17·8	17·1	17·6	17·4
2††	15·6	15·6	14·7	14·7	15·6	17·3	18·6	19·3	19·7	19·0	18·2	17·4	16·6	16·6	16·8
3	17·1	16·2	15·1	14·2	15·0	17·0	18·7	20·0	20·2	19·0	18·1	16·9	16·2	16·4	17·1
4	16·8	16·2	15·2	14·9	15·6	16·9	18·2	19·5	19·6	18·7	17·4	16·5	16·2	16·6	17·2
5	17·0	16·7	15·8	15·4	16·7	18·4	19·7	20·3	19·8	19·5	19·1	18·1	17·2	17·0	17·1
6†	17·1	16·8	15·7	14·8	15·0	15·9	17·3	19·0	19·7	19·8	19·3	19·1	17·4	17·3	17·3
7	17·4	17·5	16·5	15·2	15·6	16·8	17·6	18·7	19·2	19·3	18·5	17·4	16·9	16·9	17·3
8†	17·2	16·7	15·7	15·1	15·9	17·3	18·7	19·5	19·5	19·4	18·8	17·6	17·2	17·1	17·4
9†	17·1	16·8	15·6	15·2	15·7	17·1	18·3	18·8	18·9	18·3	17·8	17·1	16·8	16·9	17·3
10††	17·2	16·5	15·6	15·2	15·3	16·5	17·6	18·6	18·8	19·0	18·7	18·3	18·2	18·6	18·4
11	16·2	16·0	15·9	15·7	16·4	18·3	19·5	20·3	20·3	19·8	19·1	18·3	17·6	17·3	17·8
12††	16·3	15·9	14·6	14·6	15·7	17·0	18·5	19·2	19·6	18·9	18·3	17·7	17·4	17·2	17·2
13	17·3	17·0	16·3	16·2	16·7	18·1	19·2	20·0	20·3	19·9	19·0	18·4	18·1	18·3	18·4
14	17·2	16·7	16·0	15·7	15·9	16·8	18·0	18·9	18·9	19·0	18·4	17·8	17·6	17·7	18·0
15	17·5	17·2	16·9	17·0	17·9	18·7	19·1	19·4	19·6	19·3	18·7	17·9	17·3	17·5	18·1
16	17·0	16·7	16·3	16·1	16·6	17·8	18·7	19·1	19·2	19·0	17·2	16·8	17·1	18·1	18·1
17	17·5	16·7	15·5	15·3	16·5	18·6	20·4	21·2	21·0	19·8	19·1	18·2	17·9	18·1	18·3
18	17·7	17·4	16·7	16·3	16·6	17·5	18·8	19·8	19·7	19·3	18·8	17·9	17·7	17·9	18·2
19	17·7	17·3	16·4	16·0	16·9	18·5	19·6	20·8	20·9	20·4	19·3	18·2	17·5	17·6	18·2
20††	17·4	16·3	15·5	15·7	17·1	18·4	18·9	19·4	20·3	18·8	18·1	17·3	17·3	17·7	18·4
21	17·0	16·4	15·3	14·9	15·8	17·5	18·7	19·7	20·0	19·9	19·4	18·7	18·4	18·3	18·4
22	17·5	16·6	15·4	15·2	16·5	18·0	18·7	19·5	19·5	19·4	19·0	18·7	18·1	18·0	18·0
23	17·4	16·2	14·9	14·4	14·9	16·7	18·5	19·6	19·7	19·2	18·3	17·5	17·5	17·7	18·2
24†	17·2	16·5	15·3	14·9	15·9	16·4	17·3	18·7	19·7	19·3	18·7	18·0	17·9	18·0	17·9
25†	17·2	16·5	15·9	15·8	16·7	18·6	19·9	21·1	21·6	21·4	20·2	19·1	18·5	18·4	18·6
26	17·6	17·1	16·2	16·0	16·4	17·6	18·7	19·7	20·2	19·8	18·9	18·2	18·1	18·2	18·2
27	17·7	17·0	16·4	16·3	16·6	17·4	18·1	19·0	19·7	19·6	18·8	17·9	17·4	17·7	18·0
28	17·5	16·8	15·4	14·9	15·6	17·4	18·8	19·8	19·8	18·8	18·4	18·2	18·2	18·4	18·5
29	17·6	16·9	16·3	16·4	17·3	18·5	19·5	19·7	19·7	19·6	18·8	18·2	18·2	18·2	18·5
30	17·6	16·7	16·1	15·6	16·4	18·6	19·9	20·1	19·9	19·1	18·2	17·4	17·3	17·5	18·0
31	17·8	16·7	15·8	15·6	16·9	18·6	19·4	20·0	20·3	20·2	19·5	18·6	18·4	18·4	18·5
Mean . .	17·2	16·6	15·7	15·4	16·2	17·6	18·8	19·6	19·8	19·4	18·7	17·9	17·5	17·7	17·9
Mean† . .	17·3	16·7	15·7	15·2	15·8	17·1	18·3	19·5	19·9	19·7	19·0	18·2	17·5	17·5	17·7

JUNE.

1†	17·8	17·1	15·8	15·0	15·5	17·6	19·3	19·6	19·5	18·9	18·4	17·6	17·4	17·6	18·0
2†	18·1	17·5	16·8	16·7	18·0	19·3	20·8	21·7	21·8	21·5	20·1	18·6	17·8	18·1	18·3
3	18·0	16·4	15·1	15·1	16·5	18·6	20·7	21·7	21·6	20·5	19·2	18·1	17·8	17·9	18·4
4	17·6	16·3	15·4	15·4	16·2	17·8	18·8	19·7	20·3	19·7	19·2	18·2	17·7	17·9	18·7
5	17·8	16·6	15·4	15·2	16·0	17·5	19·3	20·8	20·8	20·1	19·5	18·5	18·0	18·0	18·6
6	17·9	16·9	15·7	15·6	16·7	18·1	19·7	20·8	20·9	20·4	19·6	19·2	18·5	19·3	19·2
7††	17·8	17·3	16·5	16·4	16·8	18·2	19·2	20·2	20·7	19·5	19·0	18·9	19·3	19·8	20·0
8††	17·1	16·6	14·9	14·8	16·7	18·4	19·4	19·9	20·4	20·4	19·9	19·2	18·6	18·2	18·3
9††	17·2	16·8	16·3	16·4	17·0	17·6	19·1	20·4	21·1	20·8	20·9	20·7	20·0	19·4	19·8
10††	17·1	16·8	16·0	15·5	16·3	17·9	19·3	20·4	20·4	20·0	19·8	19·4	19·1	18·7	18·0
11	17·7	16·8	16·5	16·3	17·2	18·4	19·2	20·2	20·3	19·7	19·2	18·7	18·1	17·7	18·5
12	17·6	16·8	16·2	16·0	16·7	18·1	19·0	20·1	20·9	20·2	19·4	18·5	18·4	18·4	18·5
13	17·7	16·5	15·4	15·7	17·0	18·8	19·9	20·7	21·1	20·4	19·3	18·3	18·0	18·3	18·7
14	17·1	16·3	16·0	15·8	16·6	17·9	19·2	20·2	20·1	19·8	19·1	18·1	17·7	18·1	18·9
15†	17·9	16·8	15·7	15·4	16·3	17·8	19·9	21·3	21·5	20·7	19·6	18·8	18·0	18·2	18·9
16†	18·0	17·1	16·3	16·4	17·3	19·4	20·5	21·7	22·1	21·5	20·5	19·4	18·5	18·5	19·2
17	17·7	16·5	15·9	16·6	17·6	18·7	20·0	20·7	20·9	20·7	20·3	19·7	19·3	19·2	19·5
18††	17·8	16·8	15·7	15·2	15·3	16·7	17·9	19·0	18·6	17·7	17·8	17·3	17·1	16·8	16·9
19	15·4	14·7	14·2	14·4	15·4	17·7	19·3	19·9	20·1	20·0	19·3	18·7	17·8	17·7	17·7
20	16·5	15·1	13·8	13·5	13·9	15·2	16·9	18·3	18·3	18·2	18·4	18·2	18·0	17·6	17·7
21	17·2	16·6	15·0	14·2	14·3	15·0	16·6	18·5	19·3	19·2	19·0	18·5	17·8	17·6	17·2
22	17·2	16·2	15·2	14·9	15·5	17·0	18·7	19·9	20·7	20·6	20·0	19·3	18·3	17·4	17·4
23	17·1	16·4	15·5	15·1	15·5	16·3	17·9	19·7	20·0	19·8	19·7	19·6	18·6	17·7	17·5
24	17·3	16·7	15·7	15·3	15·9	17·3	18·8	20·1	20·8	20·1	19·3	18·5	18·7	18·5	18·2
25†	17·1	16·0	14·4	14·3	15·5	16·8	18·1	19·8	20·5	20·1	19·2	18·8	18·7	18·8	18·6
26	16·8	16·2	15·5	15·5	16·8	17·9	19·0	19·5	20·2	20·0	18·8	17·7	17·5	17·7	18·1
27	17·1	16·0	15·2	15·6	16·6	17·2	19·2	20·6	20·3	19·4	18·2	17·5	17·3	17·5	18·1
28	17·3	16·3	15·4	15·5	16·2	17·5	19·4	21·1	21·3	20·3	19·5	18·7	17·7	17·3	17·9
29	17·7	16·9	15·7	15·5	16·1	17·6	19·2	20·1	20·1	19·6	19·2	18·7	18·3	17·8	17·9
30	17·1	16·2	15·7	15·6	16·4	17·4	18·0	18·7	19·7	19·0	18·1	17·6	17·0	16·8	17·3
Mean . .	17·4	16·5	15·6	15·4	16·3	17·7	19·1	20·2	20·5	20·0	19·3	18·6	18·2	18·1	18·3
Mean† . .	17·8	16·9	15·7	15·5	16·5	18·2	19·4	20·8	21·1	20·5	19·6	18·6	18·1	18·2	18·6

†Five international quiet days.

†† Five international disturbed days.

(Averages for sixty minutes centred at the full hours of Greenwich mean time.)

MAY. 0° PLUS TABULAR QUANTITIES.

Hours (G. M. T.).									Mean.*	Maximum.		Minimum.		Date.
15	16	17	18	19	20	21	22	23		Time.	Mag.	Time.	Mag.	
′	′	′	′	′	′	′	′	′	′	H. M.	′	H. M.	′	
17·3	17·1	17·0	16·9	16·9	16·9	16·3	16·3	16·1	17·2	3 00	14·6	7 10	19·8	1††
17·0	17·0	17·1	17·0	16·9	17·0	17·0	17·0	17·0	17·1	2 50	14·3	7 52	19·9	2††
17·3	17·3	17·1	17·1	17·0	17·0	16·9	16·9	16·9	17·1	3 12	14·1	7 24	20·3	3
17·3	17·2	17·1	17·1	17·0	17·0	17·0	17·0	17·0	17·1	2 34	14·9	7 36	19·8	4
17·3	17·3	17·1	17·1	17·0	17·0	16·9	16·9	17·0	17·6	2 54	15·3	6 58	20·5	5
17·5	17·4	17·4	17·3	17·1	17·1	17·1	17·1	17·3	17·4	3 10	14·7	8 52	19·9	6†
17·7	17·9	17·9	17·8	17·6	17·3	17·2	17·2	17·2	17·4	3 24	15·0	8 44	19·4	7
17·7	17·6	17·6	17·6	17·4	17·4	17·3	17·2	17·2	17·5	3 10	15·0	7 30	19·7	8†
17·7	17·8	17·6	17·6	17·4	17·3	17·2	17·2	17·2	17·3	3 10	15·1	7 32	19·0	9†
18·2	18·0	17·3	16·9	16·9	16·6	16·6	16·2	16·2	17·3	3 30	15·1	8 34	19·1	10††
18·0	17·7	17·5	17·3	17·3	17·3	17·2	17·0	16·5	17·7	2 08	15·5	6 58	20·7	11
17·4	17·5	17·6	17·6	17·5	17·4	17·4	17·3	17·4	17·3	2 24	14·5	7 42	19·8	12††
18·3	18·3	18·0	17·6	17·5	17·4	17·3	17·3	17·3	18·0	2 32	16·1	7 38	20·5	13
18·0	17·9	17·8	17·6	17·4	17·4	17·3	17·3	17·5	17·5	2 42	15·6	8 52	19·2	14
18·1	17·9	17·7	17·5	17·3	17·1	17·1	17·1	16·8	17·9	23 36	16·5	8 04	19·7	15
18·4	18·4	18·1	17·7	17·5	17·5	17·4	17·5	17·5	17·7	3 10	15·9	7 35	19·7	16
18·3	18·2	17·9	17·8	17·6	17·5	17·5	17·6	17·7	18·1	3 00	15·0	7 38	21·3	17
18·1	17·9	17·7	17·5	17·5	17·4	17·7	17·5	17·5	17·9	3 00	16·1	7 18	20·0	18
18·1	18·1	17·7	17·5	17·4	17·4	17·4	17·4	17·5	18·1	2 48	15·9	7 38	21·2	19
17·7	17·6	17·9	17·5	17·3	17·3	17·3	17·3	17·0	17·7	2 30	15·4	7 54	20·5	20††
18·2	18·0	17·9	17·8	17·6	17·3	17·2	17·3	17·3	17·8	2 56	14·8	7 42	20·1	21
18·0	18·0	17·9	17·8	17·7	17·5	17·5	17·6	17·6	17·8	2 42	14·9	7 32	19·8	22
18·1	18·1	17·7	17·6	17·5	17·5	17·4	17·3	17.4	17·5	3 10	14·3	7 50	19·8	23
17·9	17·7	17·6	17·5	17·7	17·7	17·6	17·5	17·4	17·5	2 56	14·9	8 14	19·9	24†
18·6	18·4	18·3	18·2	17·8	17·6	17·6	17·7	17·9	18·4	2 34	15·7	8 30	21·8	25†
18·3	18·3	18·4	18·2	18·0	17·9	18·1	18·1	17·9	18·1	2 34	15·9	7 56	20·3	26
18·1	18·2	18·0	17·9	18·0	17·9	17·8	17·7	17·6	17·9	2 44	16·2	8 34	19·8	27
18·7	18·6	18·4	18·2	17·9	17·9	17·8	17·8	17·8	17·9	2 56	14·8	7 30	20·0	28
18·5	18·6	18·4	18·2	18·2	17·9	17·9	17·9	17·9	18·2	2 18	16·1	8 34	19·8	29
18·3	18·3	18·1	18·0	18·1	17·9	17·9	18·0	18·2	18·0	3 03	15.5	6 30	20.2	30
18·6	18·6	18·4	18·2	17·9	17·7	17·7	17·7	18·0	18·2	2 54	15·6	8 30	20·5	31
18·0	17·9	17·8	17·6	17·5	17·4	17·3	17·3	17·3	17·7					Mean
17·9	17·8	17·7	17·6	17·5	17·4	17·3	17·3	17·4	17·6					Mean†

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18·2	18·1	17·9	17·8	17·8	17·8	17·8	17·8	18·0	17·8	3 12	14·8	7 30	19·8	1†
18·5	18·5	18·2	17·9	17·7	17·7	17·7	17·9	18·2	18·6	2 30	16·6	8 10	22·0	2†
18·5	18·4	18·3	18·1	18·0	18·0	18·0	17·7	17·7	18·3	2 40	15·0	7 18	21·9	3
18·6	18·5	18·3	17·9	17·7	17·6	17·6	17·7	17·9	18·0	2 11	15·1	7 54	20·4	4
18·7	18·1	18·1	18·3	18·1	17·9	17·8	17·8	18·0	18·1	2 54	15·1	7 08	21·1	5
19·0	18·7	18·7	18·3	17·9	17·7	17·6	17·7	17·9	18·4	2 40	15·1	7 46	21·1	6
20·2	18·7	18·1	17·7	17·3	17·0	16·6	16·7	16·7	18·3	22 46	16·0	7 36	20·9	7††
19·1	19·1	18·7	18·4	18·1	17·7	17·4	17·4	17·3	18·2	2 24	14·2	8 58	20·9	8††
19·3	18·1	18·3	17·7	17·5	17·4	17·1	16·9	16·9	18·4	2 46	16·3	9 06	22·0	9††
17·8	17·7	18·4	18·2	18·1	18·0	18·1	17·9	17·9	18·2	3 02	15·3	7 10	20·8	10††
18·5	18·3	18·6	18·2	18·0	17·7	17.8	17·7	17·8	18·2	3 08	15.9	7 50	20·5	11
18·7	18·9	18·5	18·4	18·0	18·2	18·1	17·9	17·9	18·3	2 58	15·9	7 52	21·0	12
19·0	19·0	18·9	18·5	18·5	18·4	18·2	18·1	17·8	18·4	2 16	15·3	7 56	21·3	13
18·9	18·9	18·7	18·6	18·5	18·4	18·2	18·4	18·2	18·3	2 38	15·7	7 02	20·5	14
18·9	18·9	18·7	18·7	18·5	18·4	18·3	18·4	18·3	18·5	2 44	15·3	7 36	21·6	15†
19·3	19·1	18·9	18·8	18·8	18·5	18·3	18·3	18·2	18·9	2 40	16·1	7 28	22·4	16†
19·7	19·7	19·2	18·9	18·3	18·0	18·2	17·8	18·0	18·8	1 54	15·9	7 38	21·1	17
16·8	16·7	16·8	16·8	16·3	16·1	16·1	15·6	15·6	16·8	2 50	15·0	7 20	19.3	18††
17·9	17·9	17·7	17.0	16·9	16·8	16·8	16·7	16·7	17·4	2 22	13·9	8 22	20·2	19
17·7	17·4	17·3	17·3	17·1	16·9	17·0	16·9	17·2	16·9	3 08	13·2	7 30	18·7	20
17·1	16·9	16·7	16·9	16·9	16·9	17·1	17·1	17·2	17·0	3 24	14·0	8 00	19·3	21
17·6	17·7	17·4	17·3	17·1	17·1	17·1	17·2	17·1	17·7	3 14	14·8	8 26	21·0	22
17·3	17·2	17·2	17·1	17·1	17·0	17·0	17·0	17·2	17·5	2 50	15·0	7 44	20·2	23
18·0	17·8	17·5	17·4	17·3	17.3	17·4	17·3	17·1	17·8	3 22	15·1	7 54	21·0	24
18·3	18·1	17·9	17·7	17·8	17.5	17·2	17·1	16·9	17·7	2 40	14·2	7 59	20·7	25†
18·3	18·3	18·2	18·0	17·6	17·4	17·3	17·4	17·3	17·8	2 40	15·3	8 12	20·4	26
18·2	18·2	17·9	17·7	17·9	17·6	17·7	17·6	17·5	17·8	2 04	15·1	7 08	20·7	27
18·2	18·1	18·0	18·0	17·9	17·5	17·8	17·5	17·6	18·0	2 06	15·3	7 36	21·6	28
18·1	18·1	18·0	17·6	17·4	17·4	17·5	17·4	17·4	17·9	2 50	15·1	7 20	20·4	29
17·7	17 9	17·9	17·7	17·3	17·5	17·1	17·2	17·1	17·4	2 06	15·5	7 50	19·9	30
18·4	18·2	18·1	17·9	17·7	17·6	17·5	17·5	17·5	18·0					Mean
18·7	18·6	18·3	18·2	18·1	18·0	17·9	17·9	17·9	18·3					Mean†

*See footnote on page B-5.
†Five international quiet days.
††Five international disturbed days.

(Averages for sixty minutes centred at the full hours of Greenwich mean time.)

JULY. 0° PLUS TABULAR QUANTITIES.

Date.	Hours (G. M. T.).														
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	17·1	16·2	15·5	15·0	16·3	17·6	19·2	19·6	19·5	19·4	19·1	18·3	18·0	17·7	17·7
2	16·8	15·9	15·2	14·7	15·5	16·6	18·4	20·0	20·3	19·7	19·0	18·1	17·2	17·0	17·7
3	16·9	15·8	14·7	14·5	15·2	16·3	18·3	20·0	20·7	20·5	19·9	18·9	18·1	17·6	17·5
4	17·3	16·1	14·6	14·1	14·8	15·9	18·0	19·6	20·3	20·6	20·2	18·7	17·8	17·1	17·8
5†	17·2	16·3	14·9	14·7	14·6	15·1	16·6	18·1	18·5	18·7	18·7	18·5	18·0	17·3	17·3
6†	17·3	16·4	15·5	15·2	15·9	17·1	18·4	20·2	21·5	20·9	19·8	18·3	18·2	17·2	17·8
7	17·2	16·0	15·2	16·0	17·5	18·1	18·7	19·7	20·1	19·7	19·3	18·6	17·4	17·2	17·6
8††	16·6	16·0	15·2	15·0	15·6	17·0	18·2	19·2	19·4	19·4	18·8	17·7	16·7	16·5	18·1
9††	17·0	16·5	16·2	16·7	17·2	18·1	18·7	19·2	19·5	19·7	19·5	19·1	18·7	18·2	18·2
10	16·7	15·9	14·9	14·7	15·5	16·4	17·5	18·9	19·8	19·9	19·5	18·3	17·3	17·2	17·7
11	17·1	16·4	15·7	15·8	16·3	17·1	19·2	20·5	20·6	20·0	19·5	18·9	18·2	17·3	17·6
12	17·1	16·3	15·3	15·0	16·1	17·6	18·4	19·4	20·3	20·0	19·1	18·2	17·6	17·3	17·7
13	16·9	15·6	14·7	14·9	15·8	17·7	19·1	19·2	18·7	18·3	18·2	17·9	17·3	17·5	17·8
14	16·8	15·6	15·3	15·7	17·2	18·1	19·0	19·6	19·8	19·3	18·0	17·5	17·0	17·1	17·7
15	16·3	15·3	14·8	15·5	16·3	17·6	19·0	20·5	20·8	19·6	18·0	16·7	16·3	16·6	17·2
16	16·7	15·9	15·4	15·6	16·7	17·8	19·4	20·1	20·0	19·3	18·1	16·9	16·8	17·1	17·6
17†	16·9	16·5	16·3	16·5	17·1	18·8	21·1	21·4	21·0	19·6	17·8	16·2	15·8	16·7	17·4
18†	16·7	15·7	14·9	14·8	15·8	17·0	18·7	19·8	19·7	19·2	18·6	18·3	17·9	17·9	18·1
19	17·5	16·9	15·4	14·9	15·7	16·8	17·2	18·1	18·5	18·3	17·0	16.7	17·0	17·8	17·9
20	16·2	15·7	15·5	15·4	16·2	17·3	18·0	19·4	20·2	20·0	19·0	18·8	18·5	18·1	18·3
21	17·1	16·0	15·5	15·5	16·2	17·2	18·1	18·4	19·2	19·3	18·9	18·0	17·9	18·1	18·2
22††	17·4	16·9	16·3	16·0	16·5	17·0	17·0	17·5	18·5	19·0	18·5	18·1	18·7	18·5	18·3
23	17·6	16·7	15·9	16·1	16·3	17·1	18·1	19·0	18·9	18·6	18·4	18·6	18·4	17·9	18·1
24††	17·3	17·3	17·3	17·3	17·3	17·4	17·5	16·8	17·2	18·6	18·5	18·2	18·0	17·7	17·5
25††	17·8	18·2	17·8	17·4	17·8	17·8	17·8	18·0	17·3	17·9	17·8	17·3	17·2	17·3	17·3
26	17·6	17·3	17·3	17·3	17·5	17·9	18·4	18·4	18·0	17·6	17·0	16·7	16·9	17·0	17·4
27	17·0	15·9	15·4	15·9	16·6	17·3	17·8	18·3	18·9	19·1	18·7	18·2	17·7	17·7	18·2
28	16·9	16·7	15·8	15·6	16·0	16·5	19·1	20·1	20·1	18·8	17·7	16·7	16·8	17·7	18·3
29	17·2	15·9	15·7	16·2	17·1	18·0	18·9	18·9	18·7	18·5	18·3	18·1	17·7	17·3	17·6
30†	16·7	16·1	15·1	15·4	16·6	18·0	19·2	19·8	19·4	18·1	17·2	16·8	17·2	17·6	17·9
31	17·4	17·1	16·6	16·3	16·8	18·0	18·9	19·3	19·9	20·1	19·6	18·3	17·4	17·1	17·8
Mean .	17·0	16·3	15·6	15·6	16·3	17·3	18·4	19·3	19·5	19·3	18·6	17·9	17·5	17·4	17·8
Mean† .	17·1	16·3	15·4	15·4	16·1	17·3	18·9	19·9	20·1	19·3	18·4	17·6	17·4	17·3	17·7

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1	17·0	16·3	16·3	16·1	16·3	17·1	18·4	19·3	20·1	19·5	18·6	17·9	17·2	17·0	17·5
2	17·0	16·4	15·7	15·7	16·7	18·2	19·2	19·8	19·6	18·8	18·0	17·0	17·0	17·3	17·6
3†	17·5	17·1	16·5	16·4	17·1	17·8	17·9	18·2	18·9	19·5	19·0	18·2	17·9	17·7	17·8
4	17·4	16·8	15·6	15·4	17·2	18·7	19·6	19·9	20·2	19·5	18·9	18·3	18·1	17·9	17·9
5	17·4	17·2	16·8	16·8	18·1	19·8	20·6	20·2	19·8	19·4	18·6	18·3	18·2	18·1	18·4
6	17·1	16·2	15·2	14·8	15·9	17·5	19·2	19·8	20·1	20·3	19·5	18·8	18·6	18·6	17·9
7	16·8	16·3	15·4	15·4	16·5	17·7	18·4	19·5	20·1	19·3	18·0	17·4	17·1	17·3	17·7
8	17·2	16·6	16·4	16·6	17·6	19·0	20·4	21·4	21·4	20·7	19·8	18·6	17·9	17·6	17·9
9	17·1	16·9	16·3	16·2	16·9	17·9	18·7	18·9	18·9	18·7	17·8	17·8	18·3	18·6	18·7
10	17·1	16·4	14·8	14·7	15·2	16·7	18·2	19·3	19·8	19·3	18·4	17·7	17·3	17·6	18·1
11	16·8	16·1	15·6	15·9	16·8	17·9	19·0	19·6	19·7	19·3	18·7	18·0	17·7	17·7	17·9
12†	17·4	16·8	16·3	16·5	17·3	18·1	18·7	19·0	19·1	18·8	18·7	18·8	19·0	18·5	18·1
13	17·0	16·2	15·2	15·9	17·0	17·9	18·8	19·5	19·4	18·7	18·1	17·2	16·7	16·9	18 0
14†	16·9	16·3	15·2	15·8	16·8	17·9	18·5	18·8	18·9	18·8	18·4	18·2	17·9	17·5	17·8
15	16·9	15·9	15·3	16·0	17·8	19·3	20·3	20·5	20·4	19·9	18·7	17·7	17·1	17·5	18·3
16	17·1	16·0	15·1	14·9	15·8	17·2	19·2	20·2	19·8	19·2	18·3	17·9	17·7	18·1	18·3
17†	17·7	17·2	15·7	15·1	15·9	17·7	18·5	19·7	20·0	19·3	18·3	17·2	16·8	17·2	18·2
18†	17·9	17·2	15·9	15·7	16·2	17·3	19·3	19·9	19·8	19·1	18·2	17·4	16·9	17·3	18·0
19††	17·5	16·9	15·9	16·0	17·7	18·8	19·8	20·9	20·6	19·8	19·3	18·3	17·9	17·4	17·8
20††	17·9	16·9	15·8	14·9	15·5	16·7	18·7	20·4	20·7	19·9	18·7	17·5	17·3	17·1	17·8
21††	18·3	17·1	15·3	14·5	15·2	16·7	17·9	19·1	19·4	18·8	18·2	17·8	17·0	17·2	17·9
22	17·8	17·2	15·9	15·1	15·1	16·0	17·1	18·7	19·4	18·8	17·9	17·8	17·1	16·8	17·4
23	17·9	17·4	16·7	16·4	16·9	18·8	20·7	21·9	22·0	20·8	19·9	18·6	17·1	17·0	17·7
24	17·7	16·9	15·4	15·0	15·7	17·0	19·1	19·6	19·5	18·9	18·2	17·9	17·5	17·5	17·8
25	17·7	16·7	15·7	15·7	16·8	18·2	19·5	19·5	19·5	19·5	19·1	18·7	18·0	18·0	18·1
26	17·7	17·0	16·1	15·9	16·5	17·9	19·1	20·3	20·4	19·8	18·9	18·3	17·9	17·9	18·1
27††	17·5	17·0	16·0	16·2	17·9	19·5	20·6	21·1	20·8	19·9	18·3	17·2	17·0	17·7	18·1
28††	18·0	17·5	16·2	16·0	16·9	18·2	19·6	21·3	21·7	20·6	19·5	18·4	17·6	17·5	17·9
29	17·3	16·1	14·6	14·4	15·9	18·3	20·2	20·7	20·3	19·9	19·1	18·1	17·7	17·9	18·5
30	17·9	17·2	15·7	15·1	15·6	16·9	18·3	19·3	19·4	19·1	18·6	17·9	17·4	17·8	18·1
31	17·7	17·2	16·0	15·4	16·6	17·9	18·7	19·1	19·7	19·6	19·1	18·2	17·7	18·0	18·3
Mean .	17·4	16·7	15·8	15·6	16·6	17·9	19·1	19·9	20·0	19·5	18·7	18·0	17·6	17·6	18·0
Mean† .	17·4	16·9	15·9	15·8	16·6	17·7	18·6	19·1	19·3	19·1	18·5	17·9	17·7	17·6	18·0

† Five international quiet days.
†† Five international disturbed days.

(Averages for sixty minutes centred at the full hours of Greenwich mean time.)

JULY. 0° PLUS TABULAR QUANTITIES.

Hours (G. M. T.).									Mean.*	Maximum.		Minimum.		Date.
15	16	17	18	19	20	21	22	23		Time	Mag.	Time.	Mag.	
′	′	′	′	′	′	′	′	′	′	H. M.	′	H. M.	′	
17·8	17·9	17·8	17·5	17·4	17·3	17·1	17·1	17·0	17·6	2 42	14·7	6 30	19·7	1
17·8	17·9	17·9	17·7	17·7	17·5	17·1	17·1	17·2	17·5	3 26	14·6	7 48	20·4	2
17·7	17·9	17·9	17·8	17·6	17·6	17·5	17·6	17·6	17·7	3 04	14·4	8 00	20·7	3
18·1	18·1	18·0	17·9	17·7	17·5	17·4	17·2	17·3	17·6	3 04	13·9	9 00	20·7	4
17·7	17·7	17·7	17·7	17·7	17·6	17·5	17 5	17·4	17·2	3 44	14·4	9 22	18·9	5†
18·2	18·1	18·0	17·8	17·7	17·7	17·6	17·4	17·5	17·9	3 10	15·1	8 00	21·7	6†
18·0	18·0	17·9	18·8	17·7	17·5	17·3	17·3	17·0	17·8	2 12	15·1	7 30	20·3	7
18·5	18·8	18·7	18·2	18·0	17·6	17·5	17·3	17·1	17·5	1 58	14·7	8 50	19·6	8††
18·2	17·3	17·6	17·5	17·3	17·1	17·0	16·9	16·8	17·8	2 02	16·1	9 00	19·8	9††
17·9	17·9	17·8	17·6	17·4	17·3	17·3	17·1	17·1	17·4	2 58	14·5	8 54	20·0	10
17·7	17·8	17·6	17·7	17·7	17·7	17·7	17·6	17·4	17·9	2 30	15·4	7 58	20·8	11
18·0	18·1	18·1	17·8	17·7	17·4	17·2	17·2	17·1	17·7	2 58	14·7	8 26	20·4	12
18·0	18·0	17·9	17·7	17·6	17·5	17·4	17·4	17·3	17·4	2 40	14·5	6 30	19·4	13
17·7	17·9	18·0	17·9	17·5	17·4	17·1	16·9	16·6	17·5	2 18	15·1	8 10	20·1	14
17·2	16·9	16·9	17·1	17·2	17·2	17·3	17·2	17·1	17·3	1 42	14·6	7 38	21·1	15
17·8	17·6	17·6	17·6	17·6	17·5	17·5	17·4	17·2	17·6	2 10	15·3	7 30	20·6	16
17·6	17·8	17·5	17·3	17·2	17·2	17·2	17·1	17·1	17·7	11 50	15·7	6 30	21·9	17†
18·3	18·1	17·8	17·7	17·6	17·5	17·4	17·4	17·5	17·6	2 04	14·7	7 36	20·0	18†
17·7	17·4	17·1	17·2	17·0	16·9	16·8	16·7	16·4	17·0	3 14	14·6	8 22	18·7	19
18·3	17·9	17·8	17·7	17·5	17·5	17·2	17·2	17·2	17·7	1 42	15·2	8 00	20·4	20
18·4	18·5	18·4	18·2	17·7	17·7	17·5	17·6	17·5	17·7	2 42	15·3	8 30	19·4	21
18·3	18·2	17·8	17·4	17·4	17·5	17·7	17·8	17·5	17·7	3 08	15·8	8 42	19·2	22††
18·3	18·1	18·1	17·9	17·6	17·4	17·4	17·4	17·3	17·7	2 58	15·6	6 50	19·3	23
18·3	18·3	18·2	17·9	17·5	17·4	17·2	17·0	17·8	17·7	6 46	16·7	9 10	18·9	24††
17·5	17·8	18·1	17·5	17·2	17·3	17·3	17·3	17·7	17·6	14 30	16·8	1 08	18·9	25††
17·7	17·8	17·8	17·8	17·8	17·7	17·6	17·5	17·4	17·5	11 14	16·7	6 16	18·6	26
18·1	18·0	17·8	17·6	17·4	17·3	17·2	17·2	17·2	17·5	2 18	15·4	8 40	19·3	27
18·3	18·2	18·0	17·9	17·7	17·7	17·7	17·7	17·5	17·7	2 42	15·4	7 30	20·6	28
17·8	17·9	18·0	17·9	17·8	17·6	17·3	17·1	17·1	17·6	1 30	15·5	6 30	19·3	29
18·3	18·2	17·9	17·8	17·9	17·8	17·7	17·7	17·7	17·6	2 16	15·1	7 10	20·0	30 †
17·9	18·0	17·8	18·0	17·8	17·6	17·5	17·5	17·3	17·9	3 08	16·2	8 58	20·3	31
18·0	17·9	17·9	17·7	17·6	17·5	17·4	17·3	17·3	17·6					Mean.
18·0	18·0	17·7	17·6	17·5	17·5	17·4	17·3	17·3	17·6					Mean.†

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18·3	18·5	18·1	17·6	17·6	17·6	17·4	17·3	17·2	17·7	1 0	16·0	8 0	20·2	1
17·7	17·9	17·9	17·8	17·7	17·6	17·6	17·3	17·6	17·6	2 28	15·3	7 30	20·0	2
17·8	18·0	18·1	18·0	17·8	17·8	17·7	17·7	17·6	17·8	2 50	16·2	9 6	19·6	3†
18·1	18·2	18·2	18·0	17·9	17·7	17·7	17·5	17·4	18·0	2 40	15·2	7 50	20·4	4
18·6	18·4	18·2	17·9	17·5	17·4	17·1	17·1	17·2	18·2	2 20	16·5	6 20	20·9	5
17·7	18·0	18·0	18·1	18·0	17·7	17·5	17·3	17·2	17·9	2 54	14·7	8 30	20·4	6
17·9	17·9	17·7	17·7	17·7	17·7	17·5	17·5	17·5	17·6	2 40	15·1	8 0	20·2	7
18·1	18·2	17·9	17·7	17·6	17·5	17·3	17·3	17·3	18·2	1 58	16·2	7 0	21·6	8
18·7	18·6	18·5	18·0	17·7	17·6	17·5	17·4	17·3	17·9	3 10	16·1	7 36	19·3	9
18·2	18·2	18·1	17·7	17·6	17·6	17·5	17·3	17·1	17·4	2 44	14·5	7 46	20·0	10
18·3	18·2	18·0	17·8	17·7	17·7	17·7	17·7	17·7	17·8	2 10	15·5	7 50	19·9	11
18·2	18·2	18·0	17·7	17·7	17·4	17·2	17·2	17·2	17·9	2 24	16·1	7 10	19·2	12†
18·4	18·4	18·2	17·9	17·7	17·7	17·4	17·1	16·9	17·6	1 50	15·0	7 32	19·7	13
18·1	18·2	18·1	17·7	17·6	17·6	17·4	17·2	17·1	17·6	2 6	14·9	7 44	19·2	14†
18·5	18·6	18·4	18·3	17·8	17·7	17·6	17·5	17·3	18·1	1 50	15·2	6 40	20·6	15
18·1	18·2	18·2	18·0	18·1	17·7	17·6	17·7	17·7	17·8	2 30	14·8	6 56	20·3	16
18·3	18·4	18·4	18·0	17·9	17·8	17·8	17·8	17·9	17·8	3 16	15·0	7 44	20·1	17†
18·3	18·2	18·1	17·7	17·7	17·7	17·6	17·5	17·5	17·8	2 16	15·6	6 38	20·2	18†
18·1	17·8	17·8	17·8	17·7	17·9	18·1	18·3	18·1	18·2	2 24	15·6	7 16	21·1	19††
18·3	18·2	18·3	18·2	18·1	18·0	18·0	18·0	18·2	17·9	3 0	14·9	7 14	21·0	20††
18·1	18·3	18·0	18 4	18·2	17·9	17·9	18·0	18·0	17·6	2 56	14·4	7 40	19·6	21††
18·0	17·9	17·9	17·8	17·9	18·2	18·0	17·9	17·9	17·5	3 10	14·9	8 10	19·7	22
18·0	17·9	17·9	18·0	18·1	18·0	18·0	17·9	17·7	18·4	2 56	16·3	7 46	22·3	23
18·1	18·4	18·3	18·2	18·1	18·0	18·0	17·7	17·5	17·7	2 50	14·9	6 30	19·8	24
18·0	18·1	18·1	18·0	18·0	17·9	17·9	17·8	17·8	18·0	2 20	15·2	8 30	19·8	25
18·2	18·2	18·2	18·2	18·2	18·0	18·0	17·9	17·8	18·1	2 50	15·8	7 52	20·6	26
18·5	18·7	18·7	19·1	18·6	18·3	17·7	17·9	17·9	18·4	2 10	15·8	7 0	21·2	27††
18·1	18·1	17·9	17·9	18·0	17·9	17·9	17·8	17·4	18·2	2 34	15·9	7 50	21·8	28††
18·7	18·7	18·5	18·3	18·1	18·1	18·1	18·0	17·9	18·1	2 30	14·3	6 30	20·8	29
18·1	17·9	18·1	18·1	18·1	18·1	18·1	17·9	17·9	17·8	3 12	15·0	7 10	19·5	30
18·4	18·5	18·5	18·3	18·2	18·3	18·2	18·1	18·2	18·1	2 40	15·3	8 18	20·0	31
18·2	18·2	18·1	18·0	17·9	17·8	17·7	17·7	17·6	17·9					Mean.
18·2	18·2	18·2	17·9	17·8	17·7	17·6	17·5	17·5	17·8					Mean.†

*See footnote on page B-5.
†Five international quiet days
††Five international disturbed days.

DECLINATION (WESTERLY), 1935.

(Averages for sixty minutes centred at the full hours of Greenwich mean time.)

SEPTEMBER. 0° PLUS TABULAR QUANTITIES.

Date.	Hours. (G.M.T.)														
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	18·0	17·3	15·9	15·7	17·1	18·2	19·0	20·0	20·9	20·3	19·6	18·9	18·4	18·3	18·3
2†	18·0	17·2	16·0	15·4	16·5	17·9	19·8	20·8	21·4	21·0	19·7	18·6	18·0	18·2	18·5
3	18·1	17·4	15·9	15·1	16·2	18·1	20·0	21·7	21·7	21·0	19·9	18·7	18·3	18·4	18·5
4	18·0	17·3	15·5	14·5	15·9	18·1	19·9	21·8	22·0	21·1	19·6	18·0	17·7	18·1	18·6
5	18·1	17·5	15·9	14·5	15·6	17·7	20·0	21·9	22·1	21·4	20·4	18·9	18·2	18·1	18·3
6	17·5	17·0	15·8	15·6	16·7	18·2	20·0	21·1	21·2	21·1	20·1	19·1	18·7	18·9	18·9
7	18·2	17·7	16·4	15·6	16·7	18·5	19·9	20·9	21·1	20·3	19·2	18·2	17·6	18·0	18·1
8†	18·0	17·3	15·7	14·9	17·0	19·9	22·2	22·9	22·3	21·1	19·6	18·3	17·9	18·1	18·3
9	17·9	17·2	16·0	15·5	15·9	17·0	18·2	20·0	20·5	20·1	19·1	18·2	17·8	18·0	18·2
10	17·9	17·3	16·1	15·6	16.5	17·8	19·3	20·4	20·7	20·2	19·3	18·4	17·8	18·2	18·5
11††	16·9	16·4	15·9	16·1	17·1	18·7	20·3	20·5	20·9	20·5	18·9	17·7	18·0	18·5	17·9
12††	16·6	16·4	16·0	16·0	17·3	18·4	19·1	19·8	19·6	19·3	18·4	18·0	17·6	17·9	18·1
13†	17·3	17·2	16·3	15·8	16·4	18·0	19·2	20·1	19·8	19·1	18·4	17·7	17·6	18·1	18·2
14	17·5	16·6	15·5	15·6	17·4	19·2	20·6	22·0	21·5	19·9	18·3	17·3	17·2	18·3	18·4
15	18·1	17·7	16·9	16·7	17·8	19·8	22·1	23·2	22·5	20·7	18·5	17·0	16·9	17·4	17·6
16	18·0	17·8	17·3	17·4	19·3	20·3	21·6	22·1	21·5	20·7	19·2	18·0	16·9	17·3	18·3
17	17·1	17·2	16·8	16·3	17·6	19·1	20·9	22·4	22·5	21·6	19·5	17·8	17·3	17·7	18·2
18††	18·2	18·2	16·7	16·9	18·1	19·9	21·0	21·2	20·7	19·9	18·4	17·7	17·3	17·2	16·8
19	17·7	17·2	16·8	17·0	17·9	19·3	20·0	20·3	20·5	19·7	18·5	17·6	17·5	17·9	17·9
20	17·6	17·4	16·2	16·1	16·9	19·1	21·0	21·7	21·5	20·3	18·8	17·8	17·5	18·0	18·3
21†	18·3	17·9	16·9	16·0	16·2	17·6	19·4	20·5	20·5	20·1	19·0	17·8	17·4	17·8	18.0
22†	18·4	17·9	16·7	16·4	17·7	19·3	20·3	20·9	21·0	20·2	18·8	18·0	18·2	18·5	18·5
23††	18·5	18·0	16·9	16·6	17·1	18·8	20·3	21·3	21·1	20·5	20·1	19·4	18·8	18·9	18·1
24	16·5	16·0	15·9	16·6	17·8	19·0	20·0	20·8	20·9	20·3	19·8	18·9	18·5	18·8	18·8
25††	17·4	17·3	15·9	15·4	16·6	17·9	18·9	19·1	19·0	17·5	17·9	17·4	17·2	17·7	18·0
26	18·0	17·5	17·0	17·1	18·7	20·2	21·7	22·4	22·2	20·9	19·7	18·8	17·6	17·3	17·6
27	18·0	17·3	16·5	16·5	17·5	18·5	19·3	20·2	20·4	19·4	18·2	17·7	17·4	17·6	17·9
28	18·3	17·7	16·3	16·7	16·0	16·9	18·9	20·2	19·4	18·3	17·1	16·9	17·0	17·5	17·9
29	18·2	18·3	18·0	17·4	17·2	17·8	18·9	19·5	20·1	19·5	18·2	17·4	17·2	17·8	17·9
30	18·3	17·9	16.4	16·2	17·2	18·2	19·4	20·5	20·5	19·3	17·9	17·1	17·7	17·8	18·1
Mean	17·8	17·4	16·3	16·1	17·1	18·6	20·0	21·0	21·0	20.2	19·0	18·0	17·7	18·0	18·2
Mean†	18·1	17·6	16·3	15.7	16·8	18·6	20·2	21·1	21·1	20·4	19·1	18·1	17·8	18·1	18·3

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1	18·3	17·8	17·1	17·5	18·5	19·0	20·1	20·7	20·8	19·9	18·8	17·8	17·8	18·4	18·5
2	18·2	17·9	17.0	16·7	17·4	18·3	20·0	20·9	20·9	20·2	19·2	18·5	18·2	18·3	18·3
3†	18·2	18·1	17·6	17·5	18·3	19·1	20·2	20·4	20·1	19·1	18·3	17·9	18·0	18·2	18·3
4	17·9	17·5	16·8	16·3	16·8	18·0	19·4	20·3	20·7	20·1	19·1	18·7	18·2	18·5	18·6
5†	18·3	18·1	17·1	16·7	17·0	17·9	19·4	20·2	20·4	20·1	19·1	18·5	18·7	18·8	18·8
6†	18·5	18·5	17·6	16·8	17·5	18·9	20·2	21·1	20·8	20·0	19·1	18·6	18·6	18·8	18·6
7	18·2	18·1	17·1	16·4	17·0	18·3	20·1	21·2	21·7	20·8	19·9	19·1	18·4	18·8	18·7
8	18·3	18·1	17·1	16·4	16·8	18·2	19·3	20·0	19·8	18·9	18·0	17·5	17·5	18·1	18·1
9†	18·0	17·7	17·3	16·8	17·1	18·0	18·8	19·9	21·4	20·9	19·7	18·9	18·5	18·9	18·7
10	18·1	17·6	16·9	15·9	16·9	18·2	19·2	19·8	19·9	19·2	18·7	18·6	18·6	18·7	18·4
11††	18·2	18·3	17·5	16·9	16·9	17·4	18·0	19·0	19·5	18·9	18·0	17·7	18·2	17·9	17·7
12	17·6	17·3	16·8	16·9	17·9	19·0	19·8	19·9	19·7	18·9	18·2	18·5	18·8	18·8	18·7
13†	18·6	18·6	18·2	18·0	17·9	18·5	19·3	20·3	20·2	19·3	18·6	18·5	18·7	19·0	18·9
14	18·9	18·8	18·4	17·5	17·6	19·0	20·0	20·1	19·3	18·6	18·7	18·2	18·6	19·0	18·9
15	18·5	18·5	18·2	17·3	17·0	17·0	17·5	18·3	18·9	19·1	19·1	18·0	17·6	18·4	18·5
16	18·5	18·5	18·2	18·0	18·3	18·3	18·3	18·4	19·3	19·3	18·9	18·0	17·8	18·5	18·1
17	18·7	18·7	18·3	17·2	16·8	17·3	18·3	19·6	20·0	19·4	18·4	17·7	17·3	18·1	18·4
18	19·2	18·9	18·1	16·9	16·5	17·4	19·0	19·2	19·4	19·6	19·3	18·1	17·9	18·4	18·4
19	19·0	18·9	18·2	17·3	17·1	17·6	19·2	20·0	20·2	20·0	19·4	18·5	18·2	18·4	17·5
20††	19·3	19·3	18·4	17·8	18·0	18·4	18·3	19·4	19·9	19·9	19·0	17·5	16·1	17·5	17·2
21††	18·8	18·7	18·0	17·7	17·3	17·6	17·7	18·1	17·9	17·1	17·2	16·1	16·4	17·6	17·9
22	18·2	18·6	18·3	17·4	17·4	17·9	17·8	18·1	17·9	18·3	17·8	17·5	17·2	17·3	18·1
23	18·9	19·1	18·5	18·2	18·0	17·7	17·7	18·3	18·9	19·3	18·9	18·5	18·5	18·5	18·4
24††	18·9	19·1	18·1	17·2	17·0	17·0	17·9	18·3	18·1	17·7	17·4	16·3	15·7	17·9	17·6
25	18·3	18·5	18·2	17·7	17·9	18·4	18·3	18·7	19·1	18·7	18·6	18·4	18·4	18·4	18·2
26	18·2	18·1	17·3	16·6	17·1	18·1	18·9	19·3	19·3	19·0	19·0	18·5	18·3	18·5	18·4
27††	18·6	18·8	18·2	17·4	17·5	17·8	19·0	19·3	18·9	19·0	18·9	18·4	18·4	18·8	18·5
28	17·2	17·3	18·0	17·9	17·9	18·5	19·0	19·0	18·5	18·6	19·0	18·6	18·8	18·7	18·5
29	18·5	18·8	18·6	18·0	17·5	17·9	18·3	18·3	17·9	17·4	17·1	17·9	18·3	18·3	18·1
30	19·0	19·1	18·7	17·8	17·3	17·2	17·7	18·2	17·6	17·5	17·0	17·1	17·4	17·6	17·1
31	19·0	18·9	18·2	17·4	17·1	17·9	18·8	18·7	17·9	17·3	16·9	16·6	16·4	17·9	17·2
Mean	18·5	18·4	17·8	17·2	17·4	18·1	18·9	19·5	19·5	19·1	18·6	18·0	17·9	18·4	18·2
Mean†	18·3	18·2	17·3	17·1	17·5	18·5	19·6	20·4	20·6	20·0	18·9	18·4	18·5	18·7	18·6

† Five international quiet days.
†† Five international disturbed days.

(Averages for sixty minutes centred at the full hours of Greenwich mean time.)

SEPTEMBER. 0° PLUS TABULAR QUANTITIES.

Hours (G.M.T.)									Mean.*	Maximum.		Minimum.		Date.
15	16	17	18	19	20	21	22	23		Time.	Mag.	Time.	Mag.	
′	′	′	′	′	′	′	′	′	′	H. M.	′	H. M.	′	
18·5	18·5	18·5	18·5	18·5	18·4	18·1	18·1	18·0	18·4	2 38	15·5	8 4	21·0	1
18·6	18·6	18·5	18·3	18·2	18·1	18·0	18·1	18·1	18·4	3 4	15·4	8 2	21·5	2†
18·8	18·5	18·5	18·5	18·2	18·1	18·0	18·2	18·3	18·5	3 14	15·0	7 18	21·9	3
18·9	18·6	18·7	18·6	18·4	18·4	18·1	18·2	18·1	18·4	2 50	14·4	7 20	22·1	4
18·5	18·4	18·1	18·0	17·9	17·7	17·8	17·8	17·5	18·3	3 14	14·3	7 20	22·5	5
19·0	18·8	18·5	18·2	18·1	18·1	18·0	18·1	18·1	18·5	2 22	15·5	7 50	21·4	6
17·8	18·0	17·9	18·1	18·2	18·3	18·5	18·3	18·2	18·3	2 52	15·4	7 38	21·4	7
18·4	18·3	18·3	18·2	18·2	18·2	18·2	18·1	18·1	18·7	2 50	14·7	7 2	23·1	8†
18·5	18·6	18·6	18·5	18·4	18·3	18·4	17·7	17·8	18·1	2 50	15·4	8 2	20·6	9
18·4	18·5	18·6	18·2	18·0	17·4	17·5	17·1	17·0	18·1	2 34	15·5	7 30	20·9	10
18·8	18·6	18·5	18·0	17·5	17·1	17·3	17·3	16·9	18·1	1 24	15·5	8 10	21·5	11††
18·0	17·9	17·8	17·9	17·7	17·8	17·7	17·5	17·3	17·8	2 46	15·5	7 18	20·1	12††
18·4	18·4	18·3	18·2	18·0	17·9	17·7	17·5	17·5	17·9	3 0	15·6	6 50	20·3	13†
18·1	18·1	18·4	18·3	18·1	18·0	18·1	18·1	17·8	18·3	2 30	15·4	7 12	22·2	14
17·6	17·9	18·0	18·1	18·1	18·2	18·0	18·4	18·6	18·6	2 40	16·5	7 22	23·4	15
18·4	18·6	18·5	18·4	18·0	18·0	17·5	17·5	17·5	18·6	11 58	16·6	6 58	22·2	16
17·3	18·3	18·5	18·3	18·4	18·1	17·7	18·1	18·1	18·5	2 44	16·2	7 28	22·7	17
18·1	18·5	18·4	18·3	18·4	18·2	18·1	18·5	18·4	18·4	2 10	16·4	6 18	21·3	18‡
17·9	18·5	18·4	18·3	18·3	18·1	17·9	17·6	17·6	18·3	2 19	16·7	8 10	20·8	19
18·3	18·5	18·5	18·5	18·4	18·3	18·3	18·3	18·5	18·5	2 34	16·0	7 30	21·9	20
18·1	18·0	18·0	18·1	18·1	18·3	18·4	18·5	18·4	18·2	3 18	15·9	7 30	20·8	21†
18·5	18·5	18·3	18·1	18·0	18·0	18·1	18·2	18·4	18·5	2 38	16·3	7 40	21·4	22†
17·9	17·3	17·2	16·6	16·6	16·2	16·3	16·3	16·4	18·1	23 34	16·1	7 18	21·7	23††
18·5	18·2	18·0	17·4	17·1	16·8	17·1	17·3	17·6	18·2	1 44	15·7	7 20	21·1	24
17·9	17·8	17·7	17·1	17·2	17·4	17·6	18·1	18·4	17·6	2 24	15·1	6 58	19·3	25††
17·6	17·5	17·0	18·0	18·0	18·0	18·0	17·9	17·9	18·7	2 0	16·9	6 30	22·7	26
18·3	18·0	17·3	17·9	18·0	17·9	17·9	18·1	18·3	18·1	2 10	16·2	7 30	20·8	27
17·6	18·2	18·4	18·2	18·2	18·1	18·1	18·1	18·2	17·9	3 24	15·4	7 10	20·5	28
18·4	18·4	18·4	18·4	18·4	18·4	18·4	18·8	18·3	18·3	3 38	17·0	8 0	20·3	29
18·0	17·5	17·7	17·9	17·9	17·9	18·4	18·8	18·7	18·1	2 40	16·7	7 22	20·9	30
18·3	18·3	18·2	18·1	18·0	17·9	17·9	17·9	17·9	18·3					Mean.
18·4	18·3	18·3	18·2	18·1	18·2	18·1	18·1	18·1	18·4					Mean.†

OCTOBER.

18·5	18·3	18·3	18·3	18·1	18·0	17·6	17·8	18·3	18·5	2 12	17·0	6 48	21·3	1
18·4	18·5	18·5	18·5	18·1	18·0	18·1	18·1	18·0	18·5	3 8	16·5	7 26	21·3	2
18·3	18·3	18·3	18·3	18·2	18·1	17·9	17·9	18·2	18·5	2 38	17·3	6 40	20·5	3†
18·5	18·4	18·4	18·2	18·0	18·1	18·0	18·1	18·3	18·4	2 58	16·2	7 46	20·9	4
18·6	18·5	18·5	18·3	18·3	18·3	18·3	18·3	18·5	18·5	2 42	16·5	7 38	20·6	5†
18·3	18·3	18·5	18·5	18·3	18·3	18·3	18·3	18·3	18·7	3 12	16·6	7 14	21·3	6†
18·7	18·8	18·4	18·3	18·2	18·1	17·9	18·1	18·2	18·7	2 50	16·3	8 0	22·1	7
18·0	18·2	18·2	18·2	18·2	18·1	18·1	18·1	18·2	18·1	3 0	16·2	7 10	20·2	8
18·5	18·4	18·3	18·3	18·2	18·3	18·2	18·1	18·2	18·5	3 0	16·7	8 10	21·6	9†
18·2	18·1	17·8	18·2	17·9	18·0	17·9	18·1	18·1	18·2	3 6	15·7	7 36	20·1	10
17·9	17·7	17·5	17·7	17·7	17·4	17·3	17·3	17·4	17·8	2 38	16·9	7 50	19·5	11‡
18·8	18·7	18·6	18·5	18·4	18·3	18·3	18·5	18·5	18·5	2 30	16·3	6 52	20·3	12
18·5	18·4	18·5	18·5	18·4	18·4	18·4	18·4	18·6	18·7	2 48	17·8	7 16	20·4	13†
18·9	18·8	18·6	18·4	18·4	18·3	18·4	18·5	18·4	18·7	3 40	17·3	6 50	20·2	14
18·3	18·5	18·5	18·3	18·3	18·2	18·0	18·0	18·4	18·2	4 50	16·6	8 54	19·3	15
18·2	18·2	18·2	18·2	18·2	18·1	18·2	18·3	18·4	18·4	11 34	17·5	8 38	19·5	16
18·3	18·4	18·1	18·4	18·5	18·5	18·8	19·0	19·2	18·4	4 20	16·6	7 48	20·2	17
18·4	18·4	18·4	18·1	18·0	18·3	18·4	18·5	18·7	18·4	4 0	16·4	9 6	19·7	18
18·7	18·7	18·5	18·4	18·4	18·4	18·4	18·5	19·1	18·6	3 46	16·9	8 10	20·4	19
16·0	17·2	17·3	17·4	17·3	17·4	18·1	18·0	18·7	18·1	14 46	14·8	9 20	20·1	20††
18·0	18·0	18·2	17·9	17·8	17·6	18·0	18·4	18·4	17·8	12 6	15·9	0 24	19·1	21††
18·1	18·1	18·0	18·1	18·0	18·1	18·2	18·5	18·7	18·0	12 30	17·1	1 18	18·9	22
18·5	18·5	18·5	18·4	18·4	18·4	18·4	18·4	18·7	18·5	5 40	17·4	9 0	19·5	23
17·5	17·6	17·7	17·3	17·1	17·5	17·7	17·9	18·1	17·6	11 46	14·5	0 32	19·3	24††
18·1	18·4	18·3	18.0	17·8	17·5	17·4	17·7	18·2	18·2	21 36	16·8	7 26	19·3	25
18·2	18·1	18·1	18·1	18·1	18·1	18·2	18·2	18·4	18·3	3 14	16·4	7 30	19·5	26
18·3	17·9	17·2	16·7	16·3	16·1	16·3	16·5	17·0	17·9	20 18	15·9	7 8	19·5	27††
18·4	18·2	17·7	16·9	17·2	17·5	17·5	17·8	18·2	18·1	18 24	16·4	6 40	19·3	28
17·9	17·9	17·6	17·5	17·8	18·0	18·3	18·5	18·7	18·1	9 54	17·1	1 24	19·0	29
17·2	17·0	17·0	17·6	17·9	18·1	18·4	18·7	19·0	17·8	17 20	16·7	0 40	19·2	30
16·9	18·2	18·3	18·2	18·3	18·3	18·5	18·9	19·0	17·9	14 40	15·9	0 24	19·1	31
18·2	18·2	18·1	18·1	18·0	18·0	18·1	18·2	18·4	18·3					Mean.
18·4	18·4	18·4	18·4	18·3	18·3	18·2	18·2	18·3	18·6					Mean.†

* See footnote on page B-5.
* Five international quiet days.
†† Five international disturbed days.

DECLINATION (WESTERLY), 1935.

(Averages for sixty minutes centred at the full hours of Greenwich mean time.)

NOVEMBER. 0° PLUS TABULAR QUANTITIES

Date.	Hours (G. M. T.)														
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	19·0	18·9	18·7	18·0	18·1	18·7	19·0	19·2	18·9	18·4	18·4	18·4	18·6	18·8	18·6
2	18·8	19·1	18·9	18·7	19·2	20·0	20·9	20·6	20·3	20·2	19·5	18·9	18·4	18·8	18·6
3	18·3	18·6	18·1	17·4	17·4	17·4	17·7	18·0	18·5	18·9	18·9	18·8	18·7	18·8	18·9
4†	18·9	19·0	18·7	18·0	18·2	18·3	18·4	19·3	19·4	19·4	19·1	18·5	18·5	19·0	18·6
5††	18·6	18·7	19·1	18·6	18·3	18·5	19·4	19·8	19·1	18·3	18·0	17·9	18·4	18·7	18·5
6	19·1	19·0	19·0	18·8	19·0	19·5	20·0	19·6	19·6	19·5	19·1	18·8	19·1	19·0	18·7
7	19·0	18·8	18·5	17·8	18·1	18·9	19·6	20·0	19·8	19·7	19·1	18·9	19·0	19·0	18·9
8	19·7	19·5	19·2	18·7	18·5	18·7	19·9	19·9	19·5	19·1	18·9	19·0	19·5	19·5	19·0
9	19·5	19·4	18·9	18·0	17·3	17·9	19·1	19·9	19·3	19·4	19·3	19·1	19·3	19·3	19·0
10†	19·0	19·4	19·8	19·4	18·8	19·3	20·2	20·1	19·0	18·0	17·7	18·2	18·5	19·1	18·8
11	19·0	19·1	18·9	17·8	17·5	18·1	19·0	19·3	19·0	18·7	18·3	18·1	18·5	19·1	18·9
12††	19·8	19·7	19·2	17·9	17·3	17·7	18·4	18·2	16·9	17·5	18·0	18·0	17·6	18·3	18·6
13††	19·5	19·0	19·6	19·4	19·1	19·1	19·3	19·2	18·8	19·1	19·0	18·4	18·7	18·7	18·5
14††	19·1	19·4	19·7	19·0	18·8	18·8	19·0	18·9	18·9	18·9	18·6	18·2	18·1	17·7	17·5
15	18·5	18·6	19·2	18·8	18·3	18·7	19·8	20·1	19·9	20·0	20·0	19·3	19·1	19·0	18·8
16	19·1	19·1	19·0	18·0	17·4	17·3	17·9	18·6	18·6	18·5	18·7	18·7	18·7	18·8	18·5
17†	18·7	19·1	19·2	18·7	18·5	18·6	19·3	19·7	19·6	18·9	18·3	18·1	18·4	18·9	18·1
18	19·1	19·1	19·1	18·5	18·4	19·0	19·9	20·2	19·7	19·2	19·2	19·1	19·1	19·0	18·5
19	19·4	19·5	19·5	19·4	19·5	19·5	19·9	20·1	19·3	18·8	18·6	18·0	18·1	18·4	18·2
20	19·1	19·1	19·1	18·8	18·3	18·3	19·3	19·4	18·8	18·1	18·0	18·0	18·4	18·3	18·0
21	19·0	19·0	18·9	18·3	18·3	18·6	19·1	19·0	18·7	18·3	18·1	18·3	18·3	18·6	18·6
22	18·9	18·9	18·8	18·1	18·1	18·8	19·7	19·7	19·3	18·6	18·1	18·1	18·5	18·9	18·5
23	19·1	18·8	18·6	18·2	18·4	18·5	18·7	19·3	19·1	18·7	18·4	18·3	18·8	18·9	18·6
24	19·1	19·1	19·2	18·9	18·7	18·9	19·2	19·1	18·7	18·2	18·3	18·5	19·1	19·2	18·8
25†	18·8	18·8	19·0	18·8	18·9	19·4	20·3	19·9	19·3	18·9	18·8	18·9	19·2	19·2	18·8
26†	18·8	19·1	19·0	18·4	18·4	19·1	19·9	20·0	19·4	18·7	18·4	18·4	18·7	19·0	18·7
27††	18·8	19·2	19·2	18·7	18·9	18·9	20·2	20·3	19·5	19·1	18·6	18·6	19·3	19·5	19·2
28	19·2	19·2	19·2	18·3	17·8	18·4	18·8	18·4	18·0	17·5	17·1	17·6	18·2	18·6	18·6
29	19·1	19·1	19·2	19·1	19·4	20·3	20·3	20·0	19·2	18·8	18·0	17·3	18·0	18·6	18·6
30	19·5	19·7	18·9	18·7	19·0	19·5	19·5	20·5	19·7	19·3	18·5	18·1	19·0	18·7	18·3
Mean .	19·1	19·1	19·1	18·5	18·4	18·8	19·4	19·5	19·1	18·8	18·6	18·4	18·7	18·8	18·6
Mean† .	18·9	19·1	19·2	18·7	18·6	19·0	19·7	19·8	19·4	18·8	18·5	18·4	18·7	19·1	1·7

DECEMBER.

1††	18·6	18·6	18·2	17·7	17·9	19·3	20·6	20·5	19·2	18·3	18·9	18·8	18·7	19·0	18·4
2	18·7	18·7	18·3	17·6	17·3	18·4	19·3	19·5	19·4	19·3	19·1	18·8	18·4	18·2	18·5
3	18·6	18·9	19·1	18·5	18·2	18·6	19·5	19·4	19·1	19·0	18·9	18·3	18·3	18·6	18·4
4†	18·6	18·2	18·1	17·5	17·1	18·0	19·4	20·1	20·3	20·6	20·3	19·0	18·5	18·5	18·4
5†	18·6	18·6	18·6	17·8	17·4	18·1	19·4	19·1	18·9	18·9	18·9	19·0	19·1	19·1	18·8
6†	18·8	18·8	19·1	18·6	18·3	18·9	19·3	19·3	19·1	18·9	18·9	18·6	18·4	18·6	18·7
7	18·7	18·8	19·1	18·5	7·9	18·1	18·8	19·2	19·2	19·6	20·3	19·9	19·2	18·8	18·6
8	19·1	19·9	20·2	19·4	8·2	18·6	19·5	19·1	18·2	18·2	19·3	19·4	19·3	19·1	18·7
9	19·3	19·3	20·0	19·3	8·0	17·5	18·6	18·8	18·6	18·3	18·9	19·5	19·5	19·6	19·3
10	19·8	20·3	21·0	20·8	19·3	18·5	18·8	19·9	19·6	18·8	18·6	18·7	19·3	19·3	19·0
11	19·6	19·7	19·9	19·8	19·1	18·7	19·3	20·0	19·8	19·3	19·3	19·3	19·3	19·4	19·1
12	19·5	20·0	20·3	19·9	18·9	18·3	19·2	19·5	18·7	18·4	18·2	17·6	18·2	18·5	18·4
13	19·7	19·8	19·9	19·9	18·5	18·8	19·6	19·8	19·3	18·4	18·5	18·4	18·5	18·5	18·5
14††	19·3	19·1	19·3	19·3	18·7	20·2	21·1	20·5	19·7	19·1	18·3	17·2	18·0	18·2	18·3
15	19·2	19·5	19·7	19·0	17·6	17·6	18·4	19·1	18·3	17·5	17·2	16·9	17·4	17·8	17·8
16	19·3	19·7	19·3	18·5	17·3	17·7	18·5	17·9	17·9	18·3	17·8	17·3	17·9	18·6	18·3
17	19·1	19·1	19·1	18·4	17·8	18·5	19·8	19·9	19·9	19·7	18·7	18·2	18·1	18·7	18·8
18	19·4	19·3	19·3	18·1	16·4	16·9	18·5	18·7	18·7	19·1	19·5	19·3	19·0	18·7	18·6
19	19·9	19·5	19·3	18·3	16·7	16·5	17·5	18·5	18·9	19·1	18·9	18·7	18·6	19·0	19·1
20	19·6	19·5	19·3	18·2	17·0	16·7	18·0	19·2	19·7	19·9	20·2	19·9	19·4	19·2	18·8
21	19·3	19·3	19·5	18·9	18·2	18·4	19·4	19·8	19·6	19·3	19·3	19·3	19·2	19·5	19·2
22†	19·5	19·4	19·2	18·2	16·7	17·2	17·8	18·6	19·4	19·3	19·6	19·3	19·3	19·5	19·3
23†	19·5	19·5	19·4	18·7	17·9	17·5	18·6	19·3	19·6	19·1	18·8	18·9	19·1	19·2	19·3
24	19·7	19·8	19·9	19·1	18·0	18·1	18·0	18·0	18·7	19·6	20·2	20·2	20·1	19·7	19·4
25	19·9	19·7	20·4	20·2	19·4	19·0	19·8	20·3	19·7	18·9	18·4	18·8	19·5	19·4	19·2
26††	19·3	19·9	20·3	20·4	19·5	19·1	19·6	19·1	18·6	17·8	18·1	18·7	19·1	19·1	18·6
27††	18·8	19·3	19·7	19·6	19·7	20·1	20·9	21·1	20·0	18·9	18·3	18·5	19·2	19·3	19·0
28††	18·7	19·5	20·0	19·9	19·2	18·5	19·5	20·5	20·3	18·8	19·1	18·3	19·3	18·9	18·7
29	18·5	18·7	18·9	18·8	18·4	19·0	20·4	21·6	20·7	19·3	18·4	17·9	18·7	19·2	19·1
30	18·9	18·8	18·3	17·3	17·3	18·2	20·0	21·2	21·3	20·5	19·3	18·2	19·0	19·4	18·8
31	18·6	18·6	18·7	18·3	17·6	18·3	20·5	21·7	20·9	20·3	19·6	18·9	18·9	19·3	19·0
Mean .	19·2	19·3	19·4	18·8	18·0	18·3	19·3	19·7	19·4	19·1	19·0	18·7	18·9	19·0	18·9
Mean† .	19·1	18·9	18·9	18·2	17·4	17·9	18·9	19·3	19·5	19·4	19·3	18·9	18·9	19·0	18·9

† Five international quiet days.
†† Five international disturbed days.

(Averages for sixty minutes centred at the full hours of Greenwich mean time.)

NOVEMBER. 0° PLUS TABULAR QUANTITIES.

Hours (G. M. T.)									Mean.*	Maximum.			Minimum.			Date.
15	16	17	18	19	20	21	22	23		Time.		Mag.	Time.		Mag.	
′	′	′	′	′	′	′	′	′	′	H.	M.	′	H.	M.	′	
18·6	18·7	18·7	18·5	18·5	18·4	18·4	18·6	18·7	18·6	3	6	17·8	6	58	19·5	1
18·6	18·6	18·5	18·0	18·2	17·9	18·1	18·4	18·4	19·0	20	18	17·4	6	4	21·1	2
18·8	18·8	18·6	18·3	18·2	18·4	18·5	18·0	18·5	18·4	4	50	17·2	9	26	19·1	3
18·6	18·5	18·6	18·4	18·4	18·3	18·3	18·4	18·4	18·6	3	22	17·9	8	30	19·6	4†
18·6	18·7	18·3	17·8	17·7	17·7	18·0	18·2	18·9	18·5	19	36	17·4	6	48	20·0	5††
18·5	18·5	18·5	18·5	18·5	18·5	18·5	18·8	19·0	18·9	18	30	18·3	5	44	20·1	6
18·9	18·8	18·7	18·8	18·8	18·7	18·7	18·9	19·3	18·9	3	34	17·4	7	2	20·1	7
18·9	18·5	18·4	18·3	18·3	18·4	18·6	19·0	19·3	19·0	16	48	18·1	6	34	20·2	8
19·0	18·9	18·8	18·7	18·6	18·4	18·3	18·3	18·7	18·9	4	0	17·2	6	52	20·0	9
18·9	18·9	18·6	18·5	18·5	18·4	18·5	18·5	18·6	18·9	9	24	17·6	6	30	20·6	10†
19·0	19·1	18·8	18·7	18·6	18·5	18·5	18·8	19·5	18·7	3	50	17·3	23	18	20·0	11
18·1	17·7	17·6	18·0	18·2	18·3	18·5	18·6	19·0	**18·2**	7	56	**16·9**	0	20	20·1	12††
18·7	18·4	18·4	18·1	18·7	18·7	18·9	19·3	19·1	18·9	15	20	18·0	2	0	19·9	13††
17·9	18·2	17·8	17·7	18·1	18·3	17·5	18·1	18·3	18·4	20	58	17·4	1	30	19·9	14††
18·8	18·8	18·8	18·7	18·7	18·8	18·8	18·9	19·0	19·1	3	41	18·2	7	2	20·3	15
18·3	18·5	18·5	18·4	18·3	18·0	18·0	18·3	18·5	18·4	4	14	17·2	0	40	19·2	16
18·8	18·8	18·8	18·8	18·6	18·5	18·7	18·9	19·0	18·8	10	50	18·0	6	50	19·8	17†
18·9	18·7	18·8	19·1	18·9	19·0	19·2	19·3	19·5	**19·1**	3	8	18·2	6	30	20·3	18
18·4	18·2	18·7	18·5	18·6	18·8	19·0	19·1	19·1	18·9	10	52	17·8	6	40	20·3	19
18·2	18·3	18·7	18·5	18·5	18·9	18·9	19·1	19·0	18·6	14	8	17·8	6	30	19·7	20
18·3	18·7	18·7	18·9	18·7	18·7	18·7	18·8	18·8	18·7	15	10	18·0	6	18	19·3	21
18·5	18·6	18·7	18·6	18·6	18·5	18·6	18·7	18·8	18·7	3	20	17·8	6	14	19·8	22
18·5	18·7	18·9	18·8	18·8	19·0	19·0	19·1	19·1	18·8	3	10	18·2	7	4	19·5	23
18·9	18·9	18·9	18·8	18·8	18·5	18·7	18·8	18·8	18·8	9	10	18·1	1	42	19·3	24
18·9	18·9	18·9	18·9	18·8	18·8	18·8	18·7	18·8	19·0	21	50	18·7	6	6	20·6	25†
18·7	18·8	18·8	18·8	18·8	18·7	18·6	18·7	18·8	18·9	3	44	18·3	7	2	20·1	26†
19·2	19·3	19·1	18·9	18·5	18·3	18·6	18·8	19·0	19·1	19	46	18·2	7	0	20·5	27††
18·8	18·9	18·8	18·7	18·8	18·9	19·1	19·1	19·1	18·5	9	42	17·1	1	34	19·3	28
18·7	18·9	18·9	18·9	18·9	18·4	18·1	18·7	19·0	18·9	11	8	17·2	5	30	20·8	29
18·5	18·6	18·7	18·7	18·4	18·3	18·4	18·6	18·5	18·9	10	38	17·9	7	10	20·9	30
18·7	18·7	18·6	18·5	18·5	18·5	18·5	18·7	18·9	18·8							Mean.
18·8	18·8	18·7	18·7	18·6	18·5	18·5	18·6	18·7	18·8							Mean.†

DECEMBER.

18·5	18·8	18·5	18·5	18·8	18·4	18·4	19·0	18·9	18·8	3	50	17·5	6	6	21·1	1††
18·7	18·9	18·6	18·6	18·7	18·7	18·6	18·8	18·8	18·7	3	56	17·1	7	30	19·8	2
18·5	18·3	18·1	18·6	18·4	18·5	18·6	18·6	18·7	18·7	16	58	18·0	6	30	20·1	3
18·5	18·7	18·7	18·6	18·6	18·7	18·6	18·6	18·7	18·8	4	6	17·0	8	54	20·8	4†
18·7	18·9	19·0	18·8	18·8	18·9	18·8	18·7	18·8	18·7	4	2	17·3	6	8	19·6	5†
18·7	18·7	18·7	18·6	18·6	18·6	18·6	18·4	18·4	18·7	3	54	18·2	5	50	19·4	6†
18·5	18·8	18·8	18·8	18·7	18·5	18·6	18·6	19·0	18·9	4	26	17·8	10	10	20·8	7
18·7	18·6	18·7	18·7	18·6	18·6	18·7	19·0	20·3	19·0	8	38	17·7	1	58	20·4	8
19·1	19·1	19·0	18·9	18·5	18·2	18·3	18·7	19·1	18·9	4	50	17·3	1	46	20·3	9
18·9	18·9	18·7	18·4	18·5	18·6	18·6	19·0	19·3	19·2	5	20	18·3	2	0	21·2	10
18·9	18·9	18·9	18·9	19·1	19·2	19·2	19·3	19·4	19·3	5	0	18·6	2	34	20·2	11
18·3	18·2	18·4	18·6	18·6	18·7	18·9	19·4	19·5	18·9	11	20	17·5	1	40	20·4	12
18·7	18·8	18·9	19·0	18·8	18·9	19·0	19·1	19·3	19·0	11	16	18·2	6	48	20·3	13
18·4	18·3	18·2	18·4	18·3	19·0	19·0	19·1	19·7	18·9	11	0	17·0	6	10	21·4	14††
18·2	18·4	18·7	18·7	19·0	19·1	19·2	19·3	19·3	18·5	11	0	16·5	2	12	20·3	15
17·6	18·5	18·5	18·8	19·0	18·8	19·0	19·3	19·3	**18·5**	4	6	17·1	1	10	19·9	16
19·1	19·1	19·0	18·9	19·1	19·1	19·3	19·3	19·7	19·0	3	48	17·7	6	10	20·1	17
18·6	18·6	18·7	18·6	18·9	19·1	19·1	19·2	19·5	18·8	4	18	**16·1**	23	59	20·1	18
19·0	19·1	19·2	19·2	19·2	19·3	19·3	19·3	19·5	18·8	4	30	16·2	0	0	20·1	19
18·8	18·7	19·0	19·1	19·1	19·2	19·2	19·3	19·3	19·0	4	30	16·5	9	54	20·3	20
19·3	19·2	19·1	19·2	19·2	19·4	19·2	19·2	19·3	19·2	4	26	17·8	7	6	19·9	21
19·2	19·1	19·2	19·2	19·1	19·1	19·1	19·2	19·4	19·0	4	22	16·3	0	6	19·8	22†
19·4	19·4	19·3	19·2	19·2	19·2	19·2	19·3	19·5	19·1	4	50	17·5	7	38	19·8	23†
19·3	19·2	19·3	19·3	19·3	19·4	19·4	19·5	19·7	**19·3**	4	20	17·5	10	22	20·3	24
19·1	19·1	18·9	18·4	18·1	18·3	18·2	18·4	18·8	19·1	18	42	17·9	2	4	20·6	25
18·7	18·7	18·5	18·5	18·3	18·1	18·1	18·5	18·8	18·9	9	10	17·6	2	14	20·7	26††
18·9	18·8	18·4	17·9	17·8	17·7	17·6	18·0	18·7	19·0	19	24	17·3	6	38	21·3	27††
19·1	18·9	18·7	18·7	18·4	18·3	18·1	17·9	18·0	19·0	22	50	17·3	7	6	21·3	28††
19·0	19·1	19·1	19·1	18·8	19·0	19·0	18·8	18·9	19·1	11	8	17·9	7	2	**22·0**	29
18·7	18·8	18·7	18·6	18·5	18·7	18·7	18·7	18·6	18·9	3	38	17·2	7	40	21·5	30
18·8	18·9	19·1	18·8	18·9	19·0	18·8	19·0	18·9	19·2	3	46	17·3	6	46	21·8	31
18·8	18·8	18·8	18·8	18·7	18·8	18·8	18·9	19·1	18·9							Mean.
18·9	19·0	19·0	18·9	18·9	18·9	18·9	18·8	18·9	18·9							Mean.†

*See footnote on page B-5.
†Five international quiet days.
†† Five international disturbed days.

(Averages for sixty minutes centred at the full hours of Greenwich mean time.)

JANUARY. 37000γ PLUS TABULAR QUANTITIES.

Date.	Hours (G. M. T.)														
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	483	486	493	497	505	512	516	513	496	469	486	481	478	480	486
2	485	491	496	501	505	509	509	507	496	491	476	483	485	483	482
3	491	494	499	498	500	503	509	510	503	498	499	488	477	488	494
4	500	506	495	497	496	500	494	492	491	485	483	479	483	475	480
5	493	495	496	499	503	508	515	511	502	496	488	481	480	485	488
6†	498	499	502	511	513	516	517	514	509	503	502	498	497	496	496
7†	498	503	503	511	518	528	537	537	540	533	525	516	511	508	506
8†	511	515	521	529	538	548	559	561	554	544	530	523	522	517	513
9†	515	518	519	523	529	537	542	542	540	536	529	516	508	509	509
10†	512	517	521	523	521	537	543	539	532	523	518	517	512	503	499
11	511	504	505	510	513	515	517	513	515	515	515	510	496	480	475
12	501	502	503	509	517	522	525	528	524	517	513	509	506	503	499
13	505	498	501	506	507	508	510	509	511	511	510	506	500	498	497
14	503	503	507	510	514	521	523	525	527	524	524	523	521	515	512
15	518	516	522	521	535	543	544	535	529	521	513	507	507	507	509
16	507	510	517	526	533	541	548	547	533	525	523	519	516	511	512
17††	537	516	529	518	519	524	533	520	504	497	492	474	473	462	485
18	505	504	505	517	523	533	537	539	531	521	515	509	507	503	508
19	515	516	516	522	527	533	533	523	519	511	507	503	507	506	504
20	505	506	510	518	521	530	534	539	539	528	520	517	514	514	512
21	512	513	512	516	519	524	530	523	516	507	501	502	502	507	508
22	485	492	499	496	496	505	517	522	518	513	508	499	498	499	500
23††	508	507	506	508	515	530	543	547	535	528	521	517	500	485	483
24††	509	512	514	515	522	529	532	524	521	520	515	508	512	512	508
25	503	505	503	510	511	515	522	525	516	515	513	515	513	513	509
26	519	513	515	511	510	518	522	522	518	517	511	508	501	505	507
27††	516	516	516	519	525	535	543	546	546	543	539	533	532	528	526
28††	471	476	469	466	458	459	464	465	466	470	471	473	478	473	477
29	492	495	495	497	499	506	525	535	524	522	513	509	505	502	502
30	517	521	524	527	531	534	537	540	531	518	511	508	493	489	492
31	514	516	516	523	526	537	538	540	537	507	512	526	508	509	507
Mean . .	505	505	507	511	515	521	526	526	520	513	509	505	501	499	499
Mean †. .	508	512	514	521	525	534	541	539	536	528	521	514	510	507	504

FEBRUARY.

1††	492	492	490	490	489	489	489	489	476	473	468	454	448	445	446
2††	465	480	485	484	487	489	490	487	479	475	463	450	440	433	444
3	464	471	477	487	493	500	503	507	498	480	469	445	419	421	462
4†	479	481	482	486	490	503	510	512	503	492	487	487	489	490	489
5	495	492	500	508	519	529	525	525	518	509	503	496	494	488	486
6	494	496	500	504	507	522	530	528	518	509	499	494	494	495	492
7	497	499	502	510	516	530	536	539	531	527	520	517	512	502	486
8	499	496	501	507	516	525	533	534	529	519	511	502	500	498	496
9	502	500	504	498	505	518	530	531	527	519	511	501	499	493	494
10	496	496	497	500	504	506	512	515	515	504	497	503	508	506	507
11†	503	506	508	515	519	527	531	531	528	524	517	516	512	507	504
12	502	505	504	507	511	518	519	520	512	503	506	505	505	504	502
13††	508	508	512	523	522	521	534	522	511	501	500	502	481	472	482
14††	496	481	488	492	496	475	474	467	463	456	463	446	434	456	463
15	484	484	492	501	502	508	509	501	493	491	486	481	482	485	485
16	483	488	494	504	513	522	526	517	511	505	500	492	484	476	480
17	489	491	495	503	503	503	503	505	499	490	486	486	490	491	491
18	490	490	497	510	516	524	533	531	517	503	495	493	495	495	495
19†	496	497	501	511	518	524	524	526	518	510	505	500	501	499	495
20	501	501	506	513	520	521	521	519	511	509	505	500	501	503	500
21	497	496	502	505	514	524	522	529	523	506	494	470	473	493	485
22	485	493	493	495	506	517	523	527	522	510	497	489	490	491	490
23	495	495	497	510	523	531	526	527	526	517	508	499	495	495	494
24	497	500	501	504	516	527	533	535	529	515	492	465	446	451	447
25	471	473	484	494	497	497	499	499	488	483	476	473	480	483	485
26††	503	496	504	513	517	521	531	528	523	511	501	486	463	454	460
27†	479	482	482	489	493	497	506	507	499	496	497	500	498	490	487
28†	492	494	497	501	507	514	525	526	522	517	510	503	500	499	499
Mean .	491	492	496	502	508	514	518	517	510	502	495	488	483	483	484
Mean † .	494	496	497	503	508	515	521	522	515	509	504	501	500	497	494

†Five international quiet days.

††Five international disturbed days

(Averages for sixty minutes centred at the full hours of Greenwich mean time.)

JANUARY. 37000γ PLUS TABULAR QUANTITIES.

Hours (G. M. T.)									Mean.*	Maximum.		Minimum.		Date.
15	16	17	18	19	20	21	22	23		Time.	Mag.	Time.	Mag.	
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	H. M.	γ	H. M.	γ	
484	483	483	483	483	484	487	486	486	489	6 8	526	8 56	465	1
482	482	483	480	487	494	490	489	489	491	6 52	510	9 58	474	2
489	487	485	487	487	494	497	496	495	495	7 20	514	12 4	475	3
479	474	481	483	483	484	492	491	488	488	0 36	513	15 44	472	4
489	491	490	493	496	495	502	498	497	496	5 48	517	11 44	478	5
493	492	493	493	496	497	497	499	499	501	5 30	519	15 18	492	6†
508	504	506	507	510	514	510	510	510	515	7 44	544	0 0	498	7†
515	511	511	511	509	505	505	507	511	524	6 34	563	21 8	503	8†
509	506	509	510	509	506	505	504	509	518	6 40	544	21 20	502	9†
499	497	505	503	502	507	511	508	509	515	5 58	545	15 50	493	10†
491	491	495	495	496	496	496	499	496	502	5 46	518	13 46	473	11
496	493	495	502	504	501	499	495	507	507	6 40	529	16 0	491	12
498	498	497	497	504	498	497	502	502	503	8 0	511	13 44	494	13
512	510	510	510	510	513	514	516	513	515	7 36	527	0 28	502	14
508	500	513	503	502	502	500	500	501	515	5 38	549	18 6	498	15
514	515	518	522	519	523	522	522	510	523	6 20	550	23 22	503	16
483	486	488	492	498	498	498	501	514	501	0 16	547	13 6	460	17††
507	498	509	506	503	510	511	505	505	513	6 34	547	15 50	494	18
504	506	505	507	499	507	511	507	506	512	5 24	535	19 2	498	19
512	513	511	509	509	510	507	507	509	517	7 24	543	0 8	504	20
511	510	511	507	498	486	487	491	489	507	6 20	532	20 46	481	21
497	497	496	502	500	505	503	503	505	503	7 0	523	0 0	486	22
492	497	493	500	493	490	511	516	507	510	6 40	551	13 50	479	23††
503	495	491	497	513	504	500	505	508	511	6 12	535	17 38	487	24††
502	501	500	498	508	512	511	513	511	509	6 42	527	17 44	498	25
509	516	510	512	512	512	512	513	516	513	5 58	523	12 16	500	26
546	547	546	532	515	511	487	504	488	526	14 56	565	23 48	476	27††
484	487	491	488	490	491	491	495	495	477	22 0	500	4 34	454	28††
503	502	503	502	504	504	503	502	503	507	6 28	540	0 16	491	29
497	500	502	506	505	507	512	515	516	514	7 16	541	12 34	483	30
507	507	506	507	508	509	511	513	516	517	6 56	543	12 10	502	31
501	499	501	502	502	502	503	504	503	507					Mean.
504	501	504	504	505	505	505	505	506	515					Mean.†

FEBRUARY.

443	428	425	427	428	436	442	450	458	461	6 0	496	16 26	420	1††
447	450	435	424	416	427	448	454	460	459	4 26	499	19 30	406	2††
466	465	467	474	480	475	477	474	476	473	6 40	512	12 58	408	3
485	487	490	489	487	490	488	489	492	491	6 28	514	0 10	478	4†
484	482	486	489	491	491	491	491	497	500	5 12	530	15 38	480	5
492	492	493	492	492	493	495	495	497	501	6 34	535	14 30	491	6
488	493	500	504	501	499	495	490	497	508	7 2	542	14 10	479	7
489	492	495	496	501	499	497	502	501	506	6 18	537	15 34	485	8
494	494	494	491	490	489	489	489	493	502	6 28	534	19 42	489	9
501	490	488	487	492	495	497	497	499	501	7 26	518	17 34	485	10
503	502	502	502	502	502	501	505	504	511	6 20	533	21 26	500	11†
501	504	498	493	494	496	499	502	507	505	6 54	522	17 26	492	12
472	493	485	475	485	479	509	481	492	499	5 50	539	12 40	462	13††
465	479	468	479	474	482	483	479	480	472	3 28	503	12 8	428	14††
481	475	475	481	490	481	480	478	481	488	5 18	511	17 32	467	15
480	489	489	484	494	487	491	493	490	496	6 4	528	15 0	472	16
490	488	486	488	495	492	498	497	495	494	7 34	507	9 58	484	17
493	488	486	491	502	509	493	487	491	501	6 10	535	16 32	484	18
499	495	494	496	500	500	502	500	499	505	6 50	528	16 30	493	19†
490	479	481	489	502	501	493	487	491	502	5 26	525	16 0	478	20
479	481	490	476	477	484	501	494	487	496	7 8	531	11 30	445	21
492	489	489	487	496	495	496	495	495	498	7 18	528	0 6	485	22
495	497	495	498	495	491	480	487	505	503	5 10	533	21 6	479	23
451	456	452	464	465	454	468	464	468	483	7 4	537	12 4	444	24
483	491	494	498	500	502	504	507	507	491	21 56	508	10 24	468	25
460	451	471	464	468	474	477	477	478	488	5 48	536	15 22	445	26††
487	486	487	487	488	491	491	491	491	492	6 8	509	0 0	480	27†
498	494	491	491	492	495	496	496	498	502	6 32	527	17 12	490	28†
482	483	482	483	486	486	489	487	490	494					Mean.
493	491	491	491	491	493	493	493	493	500					Mean.†

*The daily mean value of horizontal force derived from 24 hourly values has been corrected for progressive change by adding 1/48th of the difference between the values at terminal and initial hours.

†Five international quiet days.

††Five international disturbed days.

(Averages for sixty minutes centred at the full hours of Greenwich mean time.)

MARCH. 37000γ PLUS TABULAR QUANTTIES.

Date.	Hours (G. M. T.)														
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	498	498	500	506	513	522	529	532	529	515	509	491	462	462	457
2	498	501	506	515	523	536	535	524	517	489	484	485	491	473	480
3	496	495	501	507	517	531	537	539	529	516	508	508	501	498	497
4†	494	492	500	510	522	532	537	534	531	525	512	499	496	497	494
5	502	503	511	519	527	534	541	538	534	527	513	505	502	502	501
6	515	515	509	512	520	529	534	541	532	525	511	499	495	497	496
7	491	493	497	505	515	523	533	536	528	517	509	508	507	503	501
8	491	486	487	497	503	511	512	513	502	494	491	486	490	488	489
9	485	485	482	489	501	513	523	528	525	520	516	507	505	500	485
10†	499	497	498	502	510	518	526	529	526	519	509	507	501	489	489
11	491	491	490	495	508	522	528	526	517	506	499	504	511	500	473
12	497	497	499	507	513	517	527	526	524	517	513	511	511	508	507
13††	519	514	506	509	516	518	525	526	519	505	500	465	453	464	466
14††	491	491	498	503	513	526	521	495	480	447	445	446	451	425	453
15††	477	482	480	471	477	482	481	472	465	457	470	467	459	446	477
16††	478	477	475	479	484	490	493	488	491	479	483	477	476	475	478
17	488	489	493	501	508	509	508	501	501	495	485	473	479	478	480
18	494	494	492	499	509	516	520	519	517	509	499	494	495	492	488
19	485	493	493	496	505	511	522	522	518	507	505	496	496	489	489
20	481	481	484	492	502	515	524	519	512	501	497	495	497	494	493
21	498	496	501	513	523	536	537	527	525	514	509	503	496	494	485
22	489	486	487	508	521	536	541	529	508	506	499	493	492	490	489
23	493	497	501	511	529	547	551	545	534	525	516	507	499	499	496
24	504	500	505	519	540	548	534	536	527	521	514	507	493	472	464
25	488	486	490	502	513	527	530	520	512	504	495	484	473	481	482
26	493	491	496	507	521	531	533	531	523	512	506	505	504	501	497
27†	497	495	502	514	526	545	554	546	536	527	520	515	505	503	503
28†	507	507	513	524	536	548	551	550	544	531	516	508	503	499	499
29†	501	503	504	512	523	534	539	541	539	530	522	516	512	507	506
30††	516	518	525	529	533	542	546	540	541	538	531	529	530	543	506
31	498	501	513	523	531	531	539	541	536	529	513	512	500	493	490
Mean .	495	495	498	506	515	525	529	526	520	510	503	497	493	489	487
Mean† .	501	500	505	514	525	537	543	541	536	527	516	509	503	499	498

APRIL.

1	501	503	509	513	521	529	534	533	532	529	523	514	509	507	503
2†	503	504	505	511	519	527	533	535	531	525	521	513	510	509	508
3	511	512	512	520	533	546	552	545	533	522	515	513	508	511	517
4	518	513	518	529	541	553	556	553	547	537	525	521	517	513	508
5	510	512	515	522	531	545	552	550	546	532	523	516	513	508	504
6†	507	510	515	526	535	551	557	561	555	543	533	526	519	517	513
7†	518	519	523	526	536	547	555	558	553	543	535	528	521	516	515
8	521	523	527	533	545	564	563	561	553	543	531	520	512	503	496
9††	529	526	515	509	506	504	495	487	477	470	461	456	446	440	438
10††	496	501	511	519	526	537	543	550	554	547	534	513	527	486	462
11††	474	469	473	483	491	504	503	504	494	476	452	421	430	463	460
12††	502	483	485	493	493	505	496	513	514	491	490	495	496	484	480
13††	489	483	476	476	494	496	506	516	513	505	500	483	470	471	478
14	495	491	489	497	509	519	524	524	515	502	500	500	495	486	485
15	496	498	497	500	512	522	534	536	530	517	509	509	507	505	502
16	510	507	512	517	531	545	546	543	557	555	552	535	518	509	502
17	509	500	497	494	504	512	522	528	527	521	514	509	505	503	503
18	499	502	507	513	522	534	535	545	543	532	526	515	500	501	500
19	502	504	501	503	511	523	526	524	520	514	506	509	501	500	500
20	500	506	507	513	526	540	544	540	534	524	514	507	507	507	507
21	502	502	508	515	523	531	535	533	530	523	516	512	509	504	505
22	502	504	504	508	520	538	543	543	539	530	523	514	508	509	512
23	505	509	517	527	540	555	565	573	567	549	528	511	505	495	496
24	495	501	505	513	526	540	547	545	541	534	527	520	512	502	501
25§	505	508	507	..	..	..	..	..	..	..	..	..	..	..	..
26§	..	..	..	..	..	..	..	..	..	..	..	520	514	510	508
27†	511	511	514	522	534	549	556	559	557	548	537	529	523	519	516
28†	516	515	521	530	539	551	557	557	549	541	535	529	526	523	520
29	523	525	530	541	550	556	556	556	554	546	536	533	529	524	523
30	526	527	527	532	543	552	557	556	552	541	535	534	537	533	529
Mean .	506	506	508	514	524	535	539	540	536	526	518	510	506	502	499
Mean† .	515	515	519	526	535	547	554	556	550	541	533	525	520	517	513

*See footnote on page B-17.
†Five international quiet days.
††Five international disturbed days.
§Loss of record. The days have been ommitted for means.

(Averages for sixty minutes centred at the full hours of Greenwich mean time.)

MARCH. 37,000γ PLUS TABULAR QUANTITIES.

Hours (G. M. T.)									Mean.*	Maximum.		Minimum.		Date.
15	16	17	18	19	20	21	22	23		Time.	Mag.	Time.	Mag.	
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	H. M.		H. M.	γ	
477	489	489	478	481	487	489	493	496	496	6 46	532	12 8	451	1
471	461	460	475	485	487	489	493	495	495	5 28	531	17 0	454	2
496	490	479	476	491	486	483	488	491	503	6 31	538	18 26	471	3
493	493	493	494	496	496	498	499	500	506	6 18	539	15 50	489	4†
499	499	498	502	504	504	494	511	516	512	5 56	540	20 52	489	5
494	492	489	488	486	501	495	492	491	506	6 58	541	18 58	483	6
500	495	495	489	492	489	493	494	500	505	7 2	539	18 20	487	7
489	485	481	482	480	481	483	483	486	491	6 36	513	19 30	476	8
475	485	493	494	496	497	498	493	496	500	6 46	528	15 10	473	9
486	475	479	484	483	480	481	487	489	498	6 26	529	15 56	474	10†
455	451	464	475	486	493	495	496	498	495	6 24	529	15 36	449	11
508	511	508	507	507	509	510	519	509	511	5 56	528	16 44	506	12
439	442	434	465	497	483	490	491	490	490	7 22	528	17 17	427	13††
418	430	461	431	448	465	474	474	470	469	5 33	537	15 43	411	14††
469	462	467	488	477	478	473	481	477	472	14 6	493	13 16	445	15††
473	474	510	482	474	476	487	485	483	482	16 58	502	12 44	468	16††
483	479	478	486	483	486	485	491	487	489	5 32	512	11 34	467	17
487	493	481	474	476	477	481	482	484	494	7 30	521	19 8	470	18
487	486	487	489	484	486	486	489	484	496	5 40	524	19 10	479	19
489	487	478	485	492	486	493	487	493	495	5 58	525	17 44	476	20
475	465	451	486	475	474	473	474	489	497	5 12	539	16 50	445	21
489	490	488	489	489	489	486	488	491	499	6 10	541	1 48	483	22
494	494	497	497	501	499	497	496	503	510	5 54	553	0 0	492	23
460	461	471	476	483	480	498	487	482	499	5 14	558	15 54	457	24
483	486	487	491	492	492	492	497	495	496	5 12	532	12 0	472	25
485	478	478	479	483	488	493	494	497	501	6 10	534	16 30	475	26
502	502	498	499	500	500	503	505	506	513	5 50	555	0 40	492	27†
498	496	492	497	493	493	494	499	506	513	6 18	553	17 12	489	28†
505	505	504	504	505	505	507	515	514	515	7 32	543	0 14	499	29†
480	505	505	510	506	495	501	506	498	520	12 31	550	15 2	473	30††
485	493	493	496	494	496	499	499	500	509	6 44	544	14 46	482	31
483	482	483	486	488	489	491	493	494	493					Mean.
497	493	492	495	494	494	495	499	501	509					Mean†.

APRIL.

501	501	501	501	502	502	501	501	502	511	6 30	534	19 2	497	1
507	507	507	507	507	507	506	507	509	513	6 34	535	0 0	503	2†
515	512	511	512	513	515	516	517	518	520	6 2	553	12 16	505	3
502	501	501	502	503	504	502	509	513	520	6 24	556	15 14	498	4
502	504	508	511	512	510	508	505	508	519	6 18	552	14 42	501	5
511	512	513	515	515	515	515	515	515	525	6 54	561	1 0	509	6†
513	512	513	514	515	517	520	520	520	527	6 44	560	15 40	511	7†
498	512	518	522	524	524	523	515	524	527	5 8	567	14 10	492	8
445	456	472	481	485	489	489	493	494	481	0 16	530	13 40	435	9††
455	474	465	463	454	458	453	463	475	498	8 0	557	19 4	443	10††
465	467	467	480	487	483	479	484	507	476	5 8	509	10 32	409	11††
476	475	499	480	487	497	495	488	487	492	7 34	521	16 10	470	12††
492	481	492	493	490	487	491	497	496	491	7 4	518	2 42	467	13††
487	487	493	496	492	491	497	495	496	499	6 50	526	14 20	482	14
501	501	508	508	510	507	505	510	510	510	6 40	538	2 24	494	15
501	487	483	481	487	488	492	492	499	515	8 20	562	16 42	476	16
501	494	471	490	492	494	497	496	497	503	7 16	530	18 12	487	17
499	499	497	499	502	496	504	497	495	511	7 12	548	23 4	492	18
502	500	495	498	497	500	507	502	503	506	5 54	526	16 42	494	19
507	503	503	501	507	505	503	503	501	513	5 44	546	0 24	498	20
505	498	497	498	498	501	505	501	501	510	6 0	536	16 34	496	21
509	505	500	499	500	502	505	508	504	514	6 20	545	18 30	497	22
500	502	503	504	506	500	503	500	494	519	7 14	575	13 46	491	23
504	505	507	506	506	505	506	507	506	515	6 6	547	0 10	495	24
..	..	..	..	..	..	..	..	..	..	..	..	..	..	25§
507	509	511	512	512	511	510	516	514	..	..	..	..	..	26§
515	515	515	515	516	516	515	514	515	526	6 54	561	0 34	508	27†
519	517	517	518	518	519	521	520	521	528	6 12	559	0 42	515	28†
522	520	520	521	521	522	517	523	524	532	5 46	558	16 7	519	29
525	525	525	527	526	525	525	526	528	534	5 54	557	15 25	521	30
499	499	500	501	503	503	504	504	506	512					Mean.
512	512	511	512	512	512	513	512	513	524					Mean.†

*See footnote on page B-17.
†Five international quiet days.
††Five international disturbed days.
§Loss of record. The days have been ommitted for means.

(Averages for sixty minutes centred at the full hours of Greenwich mean time.)

MAY. 37000γ PLUS TABULAR QUANTITIES.

Date.	Hours (G. M. T.)														
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1††	529	534	538	545	552	563	565	567	560	549	542	538	531	539	513
2††	519	507	489	462	**456**	480	495	510	512	509	505	505	488	489	487
3	505	508	507	513	530	541	546	543	532	518	510	507	493	493	499
4	499	501	504	513	525	540	545	544	538	529	519	513	503	499	498
5	502	517	516	531	547	558	560	556	548	539	530	524	518	513	509
6†	511	510	512	513	520	528	534	535	532	525	516	512	510	509	508
7	520	528	533	545	557	573	576	571	559	548	540	529	521	518	515
8†	517	519	527	533	543	551	552	552	547	542	536	531	528	521	515
9†	520	520	526	534	543	554	562	563	555	544	537	534	528	522	519
10††	522	525	529	533	539	547	560	573	569	564	562	556	553	549	535
11	493	495	493	495	510	522	540	544	541	536	529	517	501	503	501
12††	505	504	509	518	528	518	519	519	522	521	516	506	497	493	492
13	508	517	523	531	535	538	542	543	543	540	530	520	513	511	514
14	512	515	518	525	532	540	540	547	543	534	523	514	509	506	505
15	510	512	521	533	545	550	545	538	532	530	526	523	520	514	508
16	508	512	528	536	542	555	540	529	528	510	495	492	490	499	489
17	504	507	511	521	528	539	545	542	537	528	518	515	513	514	511
18	512	513	523	534	544	553	553	548	544	539	533	528	522	518	517
19	511	513	518	527	539	552	550	552	544	536	523	514	507	505	504
20††	515	515	518	519	521	534	523	489	474	474	482	481	479	475	475
21	497	497	500	507	517	532	542	546	543	537	530	521	512	509	508
22	509	509	511	518	533	537	532	527	521	516	508	500	496	495	493
23	506	505	504	506	508	517	527	529	523	513	506	502	501	502	505
24†	507	512	516	520	524	525	529	530	528	523	517	515	512	512	514
25†	512	512	521	530	541	553	561	564	566	561	551	539	531	526	525
26	526	525	526	529	537	540	543	546	547	543	536	527	509	500	497
27	523	525	532	540	549	558	561	559	555	539	519	515	513	513	515
28	522	523	530	538	547	555	564	562	556	550	548	549	541	533	527
29	533	536	546	558	568	575	577	570	557	549	542	537	531	526	523
30	529	534	540	554	563	574	**577**	568	556	535	522	513	501	508	509
31	525	528	528	535	544	547	551	551	545	539	530	525	524	525	527
Mean .	513	515	519	526	534	543	**547**	546	541	533	525	519	513	511	508
Mean† .	517	518	523	528	536	544	550	**551**	547	540	532	527	522	518	516

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1†	521	522	521	529	542	555	563	564	557	548	538	530	523	518	517
2†	524	525	529	538	547	559	564	560	553	545	536	529	525	520	518
3	525	527	530	538	549	561	567	567	560	553	538	532	528	525	525
4	530	532	543	551	562	570	565	566	563	560	553	534	526	522	531
5	538	541	547	552	561	569	586	**596**	587	568	552	538	523	516	512
6	534	537	543	551	560	573	579	581	575	567	558	544	533	523	525
7 ††	532	534	536	553	573	588	596	583	571	571	562	550	544	541	538
8 ††	483	491	485	484	493	509	520	520	524	503	502	487	477	472	472
9 ††	505	517	525	538	548	560	597	609	601	573	521	493	491	479	475
10 ††	491	501	505	506	505	509	511	522	522	513	502	502	502	490	481
11	503	505	508	507	494	501	507	509	507	501	495	491	489	495	499
12	501	499	501	506	514	527	534	534	531	523	516	513	519	505	504
13	507	511	512	524	533	540	545	545	539	532	515	508	499	498	495
14	501	505	515	526	537	548	548	545	536	525	511	506	504	504	505
15†	507	509	514	522	529	542	552	557	545	538	527	518	513	504	508
16†	509	512	521	537	546	553	553	554	552	543	532	522	514	513	516
17	528	537	543	546	555	563	571	571	567	562	552	545	535	526	529
18††	521	523	527	522	521	522	533	535	528	516	506	495	477	456	446
19	469	477	478	492	501	518	536	537	541	539	528	510	488	484	486
20	494	495	496	497	509	523	523	525	526	521	516	513	507	502	501
21	505	507	507	510	511	515	531	521	537	534	528	523	516	510	502
22	501	501	501	502	512	529	544	545	545	544	533	525	515	507	505
23	519	522	519	523	527	544	557	562	557	551	538	529	519	513	509
24	519	519	522	531	548	559	563	562	559	553	543	533	527	524	521
25†	518	521	529	538	550	563	565	560	560	553	540	529	524	525	525
26	517	520	526	535	544	553	556	551	546	542	534	524	520	520	519
27	527	530	533	543	550	554	551	546	546	535	521	511	510	512	515
28	527	531	539	550	562	573	573	570	567	559	544	524	505	501	502
29	506	507	512	517	522	530	535	541	548	541	528	519	515	522	521
30	517	521	524	529	538	544	553	543	539	532	527	521	517	513	508
Mean . .	513	516	520	527	535	545	**553**	553	550	541	530	520	513	508	**507**
Mean.† . .	518	520	525	535	544	556	**561**	560	555	546	535	526	520	**516**	517

*See footnote on page B.-17.
†Five international quiet days.
††Five international disturbed days.

(Averages for sixty minutes centred at the full hours of Greenwich mean time.)

MAY. 37000γ PLUS TABULAR QUANTITIES.

Hours (G. M. T.)									Mean.*	Maximum.		Minimum.		Date.
15	16	17	18	19	20	21	22	23		Time.	Mag.	Time.	Mag.	
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	H. M.	γ	H. M.	γ	
477	480	478	494	511	513	514	505	504	527	7 0	569	14 56	463	1††
491	494	500	500	498	499	499	502	503	**496**	0 22	526	3 30	**449**	2††
499	497	496	496	497	497	496	495	496	509	6 34	549	12 13	484	3
499	499	496	498	500	502	503	503	502	511	6 34	546	17 18	495	4
508	509	508	508	508	507	509	510	511	523	6 14	561	0 20	502	5
510	510	511	511	512	512	513	514	515	516	6 40	537	13 38	507	6†
516	517	517	519	518	519	517	516	516	533	5 32	573	14 10	515	7
517	518	518	518	518	518	517	516	519	528	6 40	554	13 46	515	8†
517	517	517	518	517	519	519	519	519	530	6 50	565	17 26	516	9†
528	525	507	494	501	499	521	496	492	532	7 22	578	17 40	487	10††
499	501	499	495	503	503	503	503	504	510	6 58	547	2 40	490	11
489	493	497	499	500	501	503	515	511	507	3 41	531	15 6	488	12††
514	516	514	512	508	516	516	515	513	522	7 58	546	18 55	504	13
503	502	503	504	504	506	507	503	508	517	6 58	549	15 46	501	14
510	507	511	508	513	518	509	512	514	521	5 0	551	13 36	506	15
497	504	508	509	508	508	512	506	503	513	5 10	558	11 24	481	16
515	515	515	513	513	514	514	513	512	519	6 0	547	**0 0**	505	17
515	514	514	513	509	509	525	514	509	525	5 28	558	19 52	506	18
505	507	505	505	504	508	509	509	518	520	4 48	554	13 36	502	19
485	486	491	491	492	496	497	498	495	497	4 52	542	8 26	469	20††
505	505	505	503	509	504	501	498	506	514	7 2	548	0 15	495	21
497	498	501	502	504	503	509	506	505	510	5 22	539	14 32	492	22
505	505	505	508	507	507	503	503	503	508	7 10	530	11 50	500	23
513	511	515	517	516	515	515	512	512	517	6 18	533	0 10	506	24†
524	524	528	531	531	531	520	530	528	536	7 58	567	1 0	511	25†
498	500	509	513	513	513	520	521	521	522	8 10	549	14 16	495	26
517	521	522	524	528	526	528	524	524	530	5 38	563	12 38	511	27
522	523	524	524	527	527	531	532	531	537	6 20	568	0 30	521	28
526	520	523	525	524	525	525	525	527	**539**	6 8	581	15 14	518	29
510	508	518	523	520	520	521	523	522	531	5 34	**579**	12 12	498	30
526	526	525	521	525	522	523	525	524	531	6 24	556	18 26	519	31
507	508	509	509	511	511	513	512	512	520					Mean.
515	515	516	517	517	517	516	515	515	525					Mean.†

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518	515	517	519	523	521	523	523	523	531	6 26	566	16 32	515	1†
520	520	522	524	527	528	527	528	526	533	6 4	566	13 58	516	2†
524	525	526	529	529	529	528	527	529	536	6 30	569	14 42	523	3
524	527	521	518	521	519	538	538	538	540	5 14	575	17 42	513	4
516	515	519	520	527	529	531	533	534	542	6 10	**601**	14 30	511	5
525	531	530	532	529	528	525	530	527	**543**	5 56	584	13 18	521	6
540	515	489	473	465	465	460	465	486	529	5 40	599	20 40	453	7††
483	491	494	499	500	493	495	495	501	496	5 46	557	13 36	460	8††
499	491	486	486	475	484	481	483	482	516	9 6	615	18 53	470	9††
459	466	485	487	496	498	494	498	496	498	6 49	532	15 6	454	10††
507	498	507	504	502	499	498	495	500	501	16 57	520	12 18	487	11
506	507	507	506	500	511	506	503	503	511	7 30	536	19 6	498	12
496	499	499	504	510	507	504	505	503	514	6 51	549	13 41	493	13
505	505	505	505	505	506	505	505	505	515	6 10	551	0 30	498	14
509	509	511	513	511	512	510	512	511	520	6 24	555	13 30	507	15†
517	518	518	519	519	518	520	522	526	528	7 2	556	0 0	509	16†
530	531	526	531	523	522	530	518	519	540	6 4	576	22 28	516	17
437	437	**434**	446	446	470	459	460	467	**486**	7 12	540	16 34	**427**	18††
488	491	491	490	483	486	492	495	496	500	8 46	547	0 0	469	19
502	500	502	499	504	501	503	503	503	507	6 54	528	0 4	493	20
491	485	488	487	489	494	498	502	503	508	8 24	539	16 10	484	21
505	506	507	511	514	514	514	514	516	517	8 2	548	1 50	501	22
507	508	509	513	517	518	518	518	521	526	7 0	563	15 0	507	23
519	521	519	518	517	519	519	520	519	531	6 30	567	19 4	518	24
525	525	525	525	525	525	520	517	517	533	6 0	567	23 30	517	25†
521	523	527	528	528	528	528	529	529	531	6 18	560	0 0	519	26
517	520	519	523	529	526	525	523	527	529	5 6	556	11 22	509	27
509	510	511	519	511	505	512	507	503	529	5 18	578	13 28	497	28
521	521	520	518	512	512	515	522	519	522	8 2	550	0 0	505	29
512	514	516	516	514	523	520	520	518	524	5 50	559	14 2	507	30
508	507	508	509	508	510	510	510	512	521					Mean.
517	516	517	519	519	519	518	519	519	529					Mean.†

*See footnote on page B-17.
†Five international quiet days.
††Five international disturbed days.

(Averages for sixty minutes centred at the full hours of Greenwich mean time.)

JULY. 37000γ PLUS TABULAR QUANTITIES.

Date.	Hours (G. M. T.)														
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	519	519	527	528	536	548	554	551	550	540	523	513	507	511	516
2	523	525	532	540	542	554	558	560	558	552	542	533	525	516	510
3	519	519	527	533	537	544	541	545	544	532	523	519	519	519	517
4	526	525	528	537	545	552	560	561	553	545	534	525	523	518	518
5†	522	522	529	533	543	554	561	561	558	554	545	535	528	525	521
6†	525	525	534	547	562	576	585	585	586	579	569	552	539	530	527
7	536	538	547	559	566	569	569	562	561	554	545	538	531	522	520
8††	537	543	559	585	605	622	613	557	514	479	447	423	404	409	427
9††	511	527	542	537	551	549	553	558	552	547	535	521	502	493	488
10	509	505	511	514	522	535	544	545	537	533	526	518	513	513	513
11	513	517	523	528	543	558	559	559	552	531	520	517	510	511	513
12	525	527	532	536	545	560	560	559	557	556	551	544	534	527	522
13	521	522	526	531	542	557	560	557	552	545	542	533	525	525	527
14	523	529	540	551	561	573	574	568	551	545	539	539	535	530	528
15	534	529	526	533	542	552	563	571	568	561	553	543	534	523	518
16	517	518	524	527	530	540	540	544	546	547	542	536	532	528	527
17†	527	529	536	546	550	558	562	562	559	553	542	530	525	527	530
18†	525	526	533	539	537	541	545	552	557	552	544	536	535	535	531
19	538	540	540	544	537	528	526	517	511	513	509	507	503	509	512
20	521	525	529	533	540	550	560	561	558	551	545	542	534	536	536
21	539	539	544	552	563	581	583	580	577	573	569	557	549	535	528
22††	530	533	548	554	559	559	563	567	539	525	528	527	529	521	518
23	527	519	525	539	543	552	562	568	562	552	542	533	524	513	507
24††	520	524	529	532	538	550	559	564	553	538	538	539	517	505	499
25††	533	529	539	538	522	509	501	491	479	476	467	451	441	454	471
26	510	513	509	515	522	533	541	542	540	533	532	527	522	518	513
27	524	521	515	514	508	516	529	541	537	535	528	523	517	518	520
28	517	519	521	529	537	550	557	555	555	550	543	536	535	532	525
29	525	526	527	531	534	538	545	551	543	534	527	523	523	519	513
30†	520	523	531	546	557	562	561	563	568	551	543	539	532	528	524
31	529	529	535	548	560	574	576	577	574	569	555	540	534	530	528
Mean* . .	524	525	531	538	545	553	557	556	550	542	534	526	519	515	514
Mean† . .	527	528	535	545	552	560	565	566	567	558	549	539	531	529	526

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1	529	526	525	523	528	538	554	558	561	557	549	533	521	519	515
2	541	541	535	534	540	548	554	555	555	545	530	521	516	515	515
3†	528	528	531	538	546	559	568	572	568	560	555	551	543	538	531
4	538	542	544	552	562	575	587	586	578	566	555	547	542	540	537
5	542	547	554	565	579	594	599	592	583	578	577	566	555	543	539
6	546	544	547	546	553	566	573	579	580	578	567	553	547	544	533
7	529	539	543	547	562	583	591	596	587	563	551	545	540	536	533
8	533	534	539	547	560	575	584	581	571	565	558	549	543	541	534
9	543	546	548	555	563	569	572	571	572	569	561	554	548	545	542
10	542	541	541	543	555	567	575	576	571	561	550	544	538	537	537
11	536	540	545	551	560	572	580	583	578	565	557	554	552	547	541
12†	541	543	543	548	555	560	561	561	557	553	550	548	548	545	540
13	538	538	540	544	547	551	556	564	565	561	552	549	547	546	545
14†	539	535	532	536	542	550	553	554	557	553	550	548	544	543	540
15	542	544	549	557	570	579	587	585	575	564	555	552	550	549	547
16	540	540	541	548	557	566	573	576	569	562	551	541	544	543	538
17†	536	537	539	536	537	543	547	547	553	552	549	545	543	543	543
18†	544	543	543	551	567	579	583	584	584	573	562	550	540	536	535
19††	548	550	556	567	584	602	625	629	615	595	581	553	530	520	512
20††	536	531	525	531	544	557	556	566	561	546	537	529	531	529	525
21††	517	527	516	510	516	523	529	527	515	497	496	496	501	499	507
22	538	532	529	532	538	548	553	552	549	537	523	528	520	523	523
23	532	529	532	532	542	558	573	582	573	552	547	541	523	523	524
24	527	530	532	539	554	561	566	569	560	549	542	535	530	525	523
25	538	539	545	547	549	555	563	558	555	547	542	541	535	525	520
26	540	541	543	556	563	562	571	575	571	568	559	550	544	539	539
27††	539	538	541	555	567	579	584	585	581	576	568	558	551	543	544
28††	550	549	555	553	561	581	591	577	563	560	559	554	547	541	538
29	529	529	522	524	536	547	552	553	551	552	551	550	546	547	546
30	539	540	535	532	534	539	546	547	545	541	543	539	530	529	530
31	547	547	547	549	554	559	555	554	549	543	539	533	525	524	527
Mean . .	538	538	539	543	552	563	570	571	566	558	551	544	537	535	532
Mean† . .	540	539	539	543	551	559	564	565	565	559	554	548	543	541	537

† Five international quiet days.

†† Five international disturbed days.

(Averages for sixty minutes centred at the full hours of Greenwich mean Time.)

JULY. 37000γ PLUS TABULAR QUANTITIES.

Hours (G. M. T.)									Mean.*	Maximum.		Minimum.		Date.
15	16	17	18	19	20	21	22	23		Time.	Mag.	Time.	Mag.	
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	H. M.	γ	H. M.	γ	
516	519	520	524	523	523	525	527	527	527	5 46	557	11 58	505	1
518	521	519	519	520	523	517	517	519	531	7 3	562	13 38	510	2
496	519	522	523	524	526	525	523	524	526	6 56	550	14 32	516	3
522	522	523	523	523	523	523	522	522	531	6 30	565	13 18	518	4
522	521	525	525	525	526	526	526	525	534	6 10	563	15 44	521	5†
527	526	525	526	528	533	534	537	538	546	7 30	589	0 38	525	6†
523	523	524	525	526	531	531	532	536	540	5 28	573	13 30	520	7
441	451	461	471	478	486	492	499	506	500	4 56	635	12 2	403	8††
494	504	505	504	504	506	508	507	510	522	4 30	569	13 54	485	9††
513	513	513	513	517	517	521	519	517	520	6 36	550	0 40	506	10
506	505	517	518	521	522	522	522	523	526	5 16	562	15 30	501	11
522	519	519	517	520	521	521	519	521	534	6 54	562	17 58	518	12
525	525	526	527	528	525	527	530	529	533	5 18	562	0 0	521	13
526	532	537	537	535	530	529	529	531	541	6 10	578	15 32	520	14
509	509	509	509	510	511	513	514	515	531	7 30	575	17 34	508	15
523	519	526	526	526	526	537	527	526	531	7 38	552	0 0	517	16
529	529	530	530	530	531	527	526	526	537	6 14	567	11 58	525	17†
530	530	530	532	534	536	537	537	539	537	8 6	561	0 0	525	18†
511	508	508	512	516	518	517	517	519	519	3 6	553	12 10	502	19
534	532	536	536	540	539	534	538	541	540	6 58	564	0 15	519	20
529	532	533	534	537	534	535	533	534	549	5 8	589	13 48	528	21
524	521	513	513	517	523	526	524	535	533	7 0	t75	17 4	511	22††
510	512	509	515	519	519	520	518	520	529	7 20	571	13 58	505	23
513	511	513	513	521	520	537	524	543	529	6 48	567	13 42	494	24††
487	479	435	491	490	511	503	501	509	494	1 36	544	11 38	437	25††
514	515	523	523	521	528	525	521	523	524	7 0	544	1 54	507	26
521	522	523	523	523	524	523	523	523	523	7 22	544	3 46	507	27
521	524	527	527	525	525	527	524	524	533	5 52	561	0 10	517	28
515	517	521	524	523	526	522	519	519	527	6 56	553	14 10	513	29
524	524	525	526	527	528	528	528	529	537	6 40	566	0 10	519	30†
528	527	529	538	544	545	546	547	547	546	5 26	579	14 30	527	31
515	517	519	520	522	524	524	523	526	530					Mean.
526	525	526	526	527	528	528	528	528	538					Mean.†

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524	528	520	523	528	529	524	524	535	533	7 36	566	14 6	513	1
519	519	523	524	525	527	527	528	529	531	7 40	558	13 38	510	2
529	532	534	534	533	534	537	538	538	543	7 8	574	1 4	529	3†
537	538	543	546	546	546	543	542	543	552	6 24	590	15 24	535	4
539	542	538	539	540	549	543	546	550	558	6 22	601	19 30	536	5
532	533	535	541	539	537	534	537	534	549	6 42	582	15 20	526	6
532	531	531	533	534	534	533	532	534	547	7 6	601	0 6	525	7
530	533	536	537	537	538	538	540	545	548	6 30	589	14 46	528	8
542	540	541	541	537	537	538	539	541	551	6 28	576	19 15	536	9
537	540	540	537	542	540	540	538	537	547	6 18	577	22 30	534	10
537	537	534	537	540	541	540	540	541	551	6 22	586	16 52	534	11
536	537	540	540	540	539	539	536	536	545	6 6	564	14 56	536	12†
541	540	540	540	541	542	539	541	536	546	7 34	569	22 54	534	13
540	543	543	540	540	543	542	543	543	544	7 48	560	2 4	532	14†
543	540	539	540	542	540	541	539	539	553	6 38	589	16 40	538	15
534	531	531	531	530	528	537	532	534	545	6 44	579	19 34	526	16
542	543	544	545	547	547	545	545	545	544	8 10	555	0 0	537	17†
539	539	539	537	536	539	541	543	544	551	7 34	587	13 48	535	18†
516	522	526	527	523	533	528	536	535	554	6 58	632	14 6	511	19††
526	523	527	526	522	519	518	520	519	533	7 30	573	23 50	515	20††
512	510	518	529	530	530	531	528	536	517	23 30	538	9 35	490	21††
525	519	519	523	527	535	532	527	529	532	6 44	553	12 14	513	22
523	521	525	529	529	529	530	526	526	537	6 6	584	12 14	518	23
524	524	523	523	520	522	525	525	535	536	6 44	571	19 42	520	24
517	519	521	524	525	530	532	535	538	537	5 46	566	14 30	517	25
538	537	534	534	538	537	534	534	537	548	7 18	577	17 58	531	26
541	545	547	573	561	557	569	555	551	559	18 32	589	19 9	530	27††
533	536	528	533	531	531	534	529	529	548	5 55	598	19 24	525	28††
542	542	539	541	546	546	543	539	539	542	6 22	556	2 10	522	29
527	533	534	534	537	538	538	542	546	538	7 30	550	15 6	528	30
526	527	529	532	533	535	537	537	536	539	4 50	564	12 50	523	31
532	532	533	535	535	537	537	536	537	544					Mean.
536	538	539	538	538	539	539	539	539	545					Mean.†

*See footnote on page B-17.
†Five international quiet days.
††Five international disturbed days.

(Averages for sixty minutes centred at the full hours of Greenwich mean time.)

SEPTEMBER. 37000 γ PLUS TABULAR QUANTITIES

Date.	Hours (G. M. T.).														
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14 •
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	532	543	547	546	567	578	583	588	586	584	572	562	553	548	546
2†	542	544	543	541	551	562	568	574	575	568	561	554	552	553	549
3	547	546	540	535	544	554	559	569	566	561	553	553	554	554	550
4	544	541	538	534	442	557	563	568	571	566	561	555	550	555	556
5	548	548	546	536	548	555	554	552	552	551	545	541	539	538	534
6	537	534	537	542	554	570	585	583	577	569	553	542	537	539	532
7	542	546	552	551	564	578	585	589	586	581	573	564	546	536	525
8†	538	541	537	533	543	557	572	577	568	561	555	547	542	539	540
9	546	545	543	549	558	557	555	555	555	555	557	552	549	546	545
10	537	537	533	532	540	546	547	554	549	546	533	534	524	519	524
11††	538	556	573	593	581	597	590	577	**612**	595	590	572	560	541	490
12††	503	507	506	501	499	486	499	512	523	424	521	513	507	506	506
13†	512	514	516	522	533	542	544	542	540	534	527	522	519	519	519
14	519	519	519	528	537	546	551	557	551	543	537	532	528	528	526
15	524	527	526	525	532	543	555	559	551	538	524	510	499	476	505
16	520	515	521	531	544	551	554	556	547	540	532	521	508	499	506
17	519	510	517	512	522	532	539	537	531	523	515	503	492	492	497
18††	513	515	519	527	536	541	539	529	510	496	477	459	453	467	469
19	525	522	520	520	532	536	526	523	523	517	502	495	498	505	508
20	517	511	514	510	518	528	537	537	540	538	528	526	524	527	529
21†	532	532	530	530	538	544	547	554	557	552	542	537	537	531	526
22†	536	536	532	528	537	553	564	568	562	557	550	545	545	545	545
23††	540	538	541	538	549	567	587	585	557	535	538	531	525	515	488
24	497	492	482	494	503	507	522	527	529	526	525	520	516	520	521
25††	521	537	533	494	486	481	493	499	491	455	461	440	**431**	451	475
26	508	498	501	496	500	511	508	522	532	527	520	505	490	482	486
27	515	513	515	518	532	541	546	535	516	497	494	492	496	502	500
28	519	524	521	532	545	563	560	551	535	525	520	520	501	489	493
29	521	517	521	523	529	540	547	547	546	543	528	521	522	521	516
30	526	526	523	524	533	533	530	529	522	509	496	489	497	488	488
Mean . .	527	528	528	528	537	545	**551**	552	549	541	533	525	520	518	517
Mean† . .	534	535	533	532	542	553	**560**	565	561	555	547	541	539	537	536

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1	532	537	547	544	552	548	553	538	522	516	523	529	536	533	537
2	545	543	538	531	532	542	559	564	567	563	553	549	545	545	545
3†	551	545	535	536	546	556	559	562	560	556	554	553	550	514	542
4	537	537	534	537	545	555	563	571	573	572	567	560	554	551	547
5†	547	542	536	530	538	551	563	569	568	564	556	554	551	547	547
6†	545	545	544	548	564	584	593	595	587	576	566	559	555	554	555
7	546	553	541	546	559	573	584	590	586	573	553	513	513	535	536
8	539	539	542	555	571	589	598	599	593	577	560	547	547	544	536
9†	540	538	538	548	559	576	582	581	575	566	554	538	543	543	545
10	540	539	542	552	572	582	587	588	575	561	554	545	541	541	542
11††	538	540	542	556	574	596	599	599	593	**581**	566	560	558	550	524
12	517	527	517	513	533	548	557	561	553	542	535	531	536	537	537
13†	547	545	547	555	566	575	587	594	583	573	570	564	548	542	541
14	557	560	572	573	583	601	**606**	592	565	552	545	529	529	533	535
15	538	540	545	552	559	567	579	580	573	563	547	531	517	522	530
16	533	536	542	556	569	564	579	572	563	552	546	536	532	533	534
17	534	532	535	547	559	577	580	581	567	545	532	523	513	526	522
18	534	532	533	539	549	552	557	553	549	548	544	528	529	532	533
19	534	537	540	549	565	578	594	596	580	567	557	545	539	536	535
20††	543	541	543	553	571	582	588	592	588	580	560	513	467	451	421
21††	499	506	515	530	540	557	546	545	528	515	508	499	493	497	503
22	517	520	531	527	538	543	548	546	543	539	521	517	502	493	511
23	524	528	525	525	532	542	548	550	547	542	537	530	538	538	536
24††	536	537	536	537	545	558	563	570	545	512	489	453	418	403	**401**
25	494	492	509	521	527	533	534	541	537	531	523	514	514	512	512
26	517	510	515	519	543	555	560	562	552	541	538	533	530	526	524
27††	528	528	528	541	572	584	593	594	577	574	555	547	530	504	501
28	501	504	524	534	546	554	561	557	550	539	526	517	519	517	517
29	524	527	533	547	563	573	580	574	557	533	512	513	509	503	499
30	525	529	531	541	552	559	558	546	527	514	501	492	477	462	457
31	528	530	534	527	533	534	537	523	508	497	497	489	472	484	488
Mean . .	532	533	535	541	553	564	571	571	561	550	540	530	523	521	**519**
Mean† . .	551	548	544	547	558	572	580	**583**	576	568	561	554	549	545	545

* See foot note on page B.-17.

†Five international quiet days.

†† Five international disturbed days.

(Averages for sixty minutes centred at the full hours of Greenwich mean time.)

SEPTEMBER. 37000γ PLUS TABULAR QUANTITIES.

Hours (G. M. T.)									Mean.*	Maximum.		Minimum.		Date.
15	16	17	18	19	20	21	22	23		Time.	Mag.	Time.	Mag.	
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	H. M.	γ	H. M.	γ	
543	542	544	547	547	545	547	547	547	556	7 18	594	0 0	531	1
544	543	543	543	546	547	547	547	545	552	7 36	579	2 42	540	2†
547	546	546	544	545	543	545	547	547	550	7 22	589	2 56	535	3
559	550	547	545	541	560	548	549	546	552	8 18	574	18 22	531	4
534	531	528	528	529	534	543	543	537	541	5 20	557	17 18	527	5
527	529	535	535	537	537	536	539	542	546	6 34	593	15 10	527	6
531	526	530	534	536	536	536	537	537	551	7 13	591	14 10	520	7
540	538	538	541	543	542	543	544	546	547	6 52	581	2 30	532	8†
549	552	554	555	548	539	544	537	534	549	4 20	566	22 10	530	9
531	539	541	530	531	517	526	528	525	534	7 8	556	20 10	513	10
504	543	531	505	516	493	530	529	522	551	8 10	651	13 35	479	11††
505	505	509	509	505	510	514	510	511	508	8 42	527	2 44	479	12††
515	515	515	517	518	518	519	519	518	524	5 36	547	0 20	513	13†
522	522	524	527	531	523	525	531	526	531	7 2	558	1 30	518	14
499	507	501	503	509	514	509	515	525	520	7 20	562	14 48	495	15
506	506	506	510	513	521	523	521	519	524	6 18	564	12 42	495	16
481	502	513	509	503	498	498	508	513	511	6 10	544	14 58	473	17
495	504	506	507	509	510	514	522	526	506	5 32	544	11 50	453	18††
513	513	517	519	516	525	517	519	522	517	4 32	539	11 4	495	19
529	530	531	531	532	532	532	533	535	528	8 49	542	3 0	509	20
523	522	522	519	523	527	527	528	531	534	7 46	559	17 22	519	21†
542	540	540	540	539	542	543	542	539	545	6 42	572	3 4	527	22†
477	480	462	451	455	461	473	495	495	515	6 16	597	18 14	448	23††
514	508	507	499	493	499	508	516	523	511	8 2	531	1 50	479	24
472	490	475	477	494	494	497	505	505	488	2 2	542	11 44	429	25††
504	494	499	504	507	510	515	514	514	506	8 8	536	13 26	474	26
500	501	502	503	508	510	511	515	517	512	5 30	548	12 0	490	27
491	498	506	513	521	520	520	520	521	521	5 10	567	12 48	486	28
520	517	518	521	520	522	521	531	526	527	5 56	550	13 40	514	29
486	501	493	498	513	504	515	520	533	512	4 38	536	14 54	478	30
517	520	519	519	521	521	524	527	528	529					Mean.
532	531	531	531	533	534	524	534	534	540					Mean.†

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536	529	530	535	537	544	543	538	541	537	4 12	556	8 48	510	1
542	539	539	543	540	540	545	542	548	546	7 58	566	3 30	530	2
540	538	536	538	540	539	538	537	537	545	7 2	562	2 36	530	3†
547	540	538	540	538	551	545	545	545	550	8 4	572	2 14	531	4
546	547	547	548	548	548	547	547	547	549	7 2	570	2 44	526	5†
550	553	549	550	553	553	552	555	555	560	6 40	594	23 59	539	6†
532	430	532	537	537	535	537	542	538	547	7 2	590	11 22	494	7
538	535	535	516	547	543	540	542	542	554	6 10	599	14 38	527	8
547	539	537	542	539	539	539	539	538	550	6 18	582	1 30	533	9†
529	515	505	529	527	529	531	541	535	546	6 40	589	17 24	499	10
521	493	505	516	526	512	516	516	515	545	5 26	599	16 32	481	11††
539	541	539	541	540	540	540	542	545	539	7 4	560	2 44	509	12
542	541	545	548	551	549	546	548	551	557	6 58	593	16 4	538	13†
533	530	532	534	533	529	529	541	537	551	5 34	610	20 36	521	14
525	534	527	540	547	552	540	534	533	545	6 14	579	12 24	506	15
541	527	523	531	541	533	532	535	535	543	6 18	580	16 52	516	16
517	531	512	523	537	535	534	532	535	539	6 46	580	16 58	505	17
533	533	527	518	517	525	529	530	530	536	6 14	559	19 12	514	18
536	537	537	538	542	548	541	537	540	550	6 40	599	14 2	530	19
439	436	470	484	476	488	509	492	497	515	6 24	594	13 58	417	20††
505	524	527	535	512	506	511	515	523	519	5 21	564	12 18	485	21††
513	514	511	517	514	520	527	525	525	524	6 18	550	13 0	488	22
537	534	533	534	533	536	536	537	537	537	6 58	550	2 34	518	23
427	423	454	465	477	479	484	494	491	491	6 50	585	13 2	394	24††
513	522	522	523	516	510	497	501	515	517	7 24	548	1 18	487	25
522	520	523	525	525	527	527	526	527	531	6 34	565	0 50	506	26
480	468	481	473	473	477	481	508	509	525	6 36	602	16 38	457	27††
516	510	501	499	496	510	521	521	524	524	6 14	561	18 40	484	28
500	518	508	509	513	519	522	523	523	528	6 4	581	14 44	494	29
455	468	487	498	513	517	520	525	525	512	5 50	562	14 30	450	30
495	524	530	531	537	539	542	541	541	519	19 23	554	11 50	465	31
519	519	521	525	527	528	529	531	532	536					Mean.
544	542	541	543	543	542	540	541	541	552					Mean.†

*See footnote on page B-17.
†Five international quiet days.
††Five international disturbed days.

(Averages for sixty minutes centred at the full hours of Greenwich mean time.)

NOVEMBER. 37000γ PLUS TABULAR QUANTITIES.

Date.	Hours (G. M. T.)														
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	535	538	540	543	551	566	585	584	580	574	563	563	562	547	536
2	545	536	541	548	559	575	589	591	579	570	561	558	550	544	539
3	534	534	547	546	556	561	567	571	562	553	548	544	537	538	534
4†	541	531	545	552	563	574	579	574	565	560	553	550	548	543	541
5††	545	546	552	567	581	592	598	592	582	560	553	551	550	543	543
6	541	530	531	529	529	548	559	546	545	535	523	522	526	527	529
7	542	540	547	563	573	582	585	580	569	556	547	542	542	543	544
8	539	542	546	553	561	565	581	573	560	550	545	541	544	544	544
9	544	547	555	566	576	587	587	586	577	567	551	539	539	546	547
10†	540	545	555	572	583	594	605	600	591	577	565	556	553	550	549
11	555	558	568	580	596	612	615	605	599	591	577	560	545	545	550
12††	546	546	559	576	575	563	571	569	552	555	555	541	507	515	524
13††	543	528	521	532	542	546	553	555	548	544	538	527	527	518	521
14††	536	532	538	558	573	587	583	561	562	557	545	532	523	515	504
15	522	523	531	537	546	558	571	575	563	551	545	540	536	540	540
16	536	537	539	543	553	561	570	575	576	568	551	538	533	533	528
17†	531	534	540	551	557	562	570	565	560	552	549	547	544	543	540
18	545	557	542	563	568	574	583	583	576	565	546	551	550	551	550
19	564	555	555	563	570	584	591	580	562	557	442	520	507	509	516
20	543	546	549	547	555	562	572	572	569	558	551	547	537	529	509
21	544	544	549	554	564	572	577	573	568	558	547	538	537	531	531
22	542	545	546	551	563	577	585	578	573	566	558	547	543	545	545
23	549	549	548	551	559	567	570	571	567	561	549	541	540	537	536
24	553	557	557	558	563	570	577	575	579	575	576	576	569	565	560
25†	549	554	561	566	572	582	588	571	571	563	559	558	553	537	556
26†	546	547	551	559	563	572	581	582	579	571	565	559	554	554	556
27††	551	554	560	568	570	581	589	596	591	587	579	574	567	563	566
28	537	539	545	551	560	573	573	567	565	560	556	550	544	539	538
29	550	555	559	567	586	606	609	601	592	592	579	573	569	571	564
30	558	562	562	569	579	578	557	568	552	533	520	509	522	527	529
Mean . .	543	544	548	556	565	574	581	577	571	562	553	546	542	540	539
Mean† . .	545	545	553	563	570	579	587	580	575	565	558	554	551	545	548

DECEMBER.

1††	533	535	536	536	535	541	544	526	520	524	527	531	534	527	521
2	534	535	533	535	542	552	555	551	547	537	525	530	512	513	523
3	532	528	532	537	540	540	548	552	549	548	548	545	541	533	533
4†	532	532	533	541	552	563	573	573	571	554	553	553	550	549	548
5†	543	542	546	550	557	560	562	564	557	550	548	547	551	552	550
6†	549	549	554	556	561	569	573	569	562	554	553	549	545	542	541
7	542	543	546	552	560	565	568	564	562	558	553	542	530	524	525
8	546	550	554	555	558	565	571	566	560	557	558	562	563	563	561
9	552	553	561	574	585	592	592	588	582	573	563	551	539	537	538
10	566	561	563	580	588	595	604	605	601	593	580	560	552	551	549
11	551	556	561	573	586	598	604	595	577	561	547	535	534	535	529
12	555	555	558	564	568	575	577	579	574	561	556	549	539	534	528
13	537	543	553	565	579	586	576	567	555	547	540	544	528	514	528
14††	544	545	543	542	548	558	563	566	557	553	547	521	511	510	508
15	540	540	530	535	540	556	552	551	536	514	505	505	503	499	510
16	535	536	539	544	544	547	546	538	530	538	522	512	519	515	511
17	528	530	531	535	541	556	565	565	558	547	536	531	530	532	535
18	543	543	545	548	547	549	546	542	535	532	530	534	533	531	529
19	551	545	544	545	547	551	549	545	540	542	543	545	542	541	546
20	544	547	547	547	542	541	539	535	533	531	539	546	541	541	541
21	547	550	553	559	562	565	572	577	569	558	563	566	563	561	557
22†	552	557	561	565	565	568	574	572	565	556	557	558	556	556	556
23†	547	550	553	559	559	560	564	565	559	554	551	553	555	553	553
24	556	560	566	577	578	583	574	562	560	562	563	565	566	565	564
25	561	554	560	569	573	579	589	596	591	567	556	551	547	543	547
26††	532	533	543	551	556	561	573	557	561	556	551	547	543	537	517
27††	539	545	546	551	551	559	571	562	551	534	521	510	517	523	525
28††	530	533	564	562	566	569	580	575	567	566	569	500	517	532	530
29	537	532	532	540	546	555	561	567	556	550	547	545	540	537	537
30	541	541	540	545	553	562	564	563	559	553	542	534	537	541	545
31	543	546	547	554	558	559	564	566	563	557	553	545	553	555	555
Mean . .	543	544	547	553	558	564	567	565	558	551	547	541	538	537	537
Mean† . .	546	547	550	555	558	565	570	569	563	554	552	551	550	549	547

† Five international quiet days.
†† Five international disturbed days.

(Averages for sixty minutes centred at the full hours of Greenwich mean time.)

NOVEMBER. 37000γ PLUS TABULAR QUANTITIES.

Hours (G. M. T.)									*Mean.	Maximum.		Minimum.		Date.
15	16	17	18	19	20	21	22	23		Time.	Mag.	Time.	Mag.	
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	H. M.	γ	H. M.	γ	
535	532	539	540	540	542	542	544	545	551	7 43	588	15 46	529	1
541	535	531	540	540	540	533	539	538	550	6 54	593	17 14	522	2
530	529	541	537	534	537	543	539	539	544	7 2	572	16 18	524	3
541	538	539	542	541	542	545	546	548	550	6 8	580	15 44	537	4†
535	539	530	530	537	525	529	533	544	552	6 20	600	17 38	511	5††
529	529	529	532	536	536	537	537	538	534	5 52	562	10 10	517	6
545	543	542	540	545	543	533	536	535	551	6 4	584	21 10	533	7
541	537	528	533	539	541	547	542	545	547	6 0	583	16 50	526	8
547	547	546	547	546	547	544	537	538	555	6 24	590	21 52	534	9
545	545	548	547	546	546	546	548	550	561	6 4	608	0 8	538	10†
551	553	544	550	546	533	535	533	541	564	5 27	**620**	19 32	531	11
497	474	**467**	494	511	514	519	515	521	**532**	3 24	583	16 42	**458**	12††
518	506	519	515	526	526	528	541	545	532	6 23	558	16 10	496	13††
500	497	505	503	506	527	515	521	527	534	5 24	591	15 43	491	14††
536	536	534	533	533	533	533	533	536	541	6 52	577	0 10	519	15
523	520	521	523	524	530	531	526	531	540	7 48	578	16 14	517	16
538	539	540	534	534	536	540	541	542	546	6 6	571	0 30	531	17†
542	535	541	556	550	552	556	558	557	557	6 40	585	16 2	532	18
524	529	530	536	541	537	539	547	541	545	6 16	592	11 48	505	19
510	524	547	537	535	542	543	550	545	545	6 14	574	13 56	504	20
524	526	537	540	539	540	541	543	544	547	6 10	578	15 4	520	21
538	531	536	549	545	542	541	541	540	551	6 0	586	15 44	531	22
535	542	541	541	542	544	545	548	550	549	6 4	571	14 42	533	23
553	552	553	551	545	548	549	549	549	561	7 50	581	18 46	543	24
552	548	546	549	548	548	549	549	550	557	6 6	589	17 16	545	25†
553	552	551	552	555	554	552	551	554	559	7 2	584	0 10	545	26†
564	545	535	523	515	530	531	538	538	559	7 14	600	19 4	503	27††
533	529	529	535	534	537	543	545	547	547	5 44	576	17 22	525	28
559	555	556	560	556	547	559	557	555	**570**	6 0	612	20 35	542	29
525	530	541	547	538	523	526	540	535	542	4 16	583	11 4	503	30
536	**533**	535	537	538	538	539	541	542	549					Mean.
545	**543**	543	543	543	544	544	546	555						Mean.†

DECEMBER.

532	527	548	527	531	533	539	547	538	553	16 54	558	13 39	511	1††
529	532	531	535	539	539	539	535	536	535	5 44	557	12 14	501	2
537	539	517	530	534	527	533	530	533	537	7 14	543	17 32	513	3
545	541	537	537	541	543	543	543	543	548	6 32	576	1 40	531	4†
547	545	545	548	549	545	546	547	548	550	6 44	567	0 50	542	5†
542	542	542	542	542	540	544	545	542	550	5 52	574	19 52	537	6†
538	544	538	544	549	546	559	551	549	548	5 42	569	13 40	519	7
558	553	548	551	549	551	555	550	553	557	5 46	574	0 28	544	8
541	547	546	546	545	542	537	545	550	558	5 18	594	21 8	535	9
549	543	543	554	551	551	547	546	549	566	7 50	608	16 58	539	10
529	525	540	546	549	551	547	558	557	556	5 54	605	14 54	526	11
520	513	524	532	528	534	539	538	538	547	6 38	579	16 16	509	12
533	532	540	537	537	537	539	540	542	546	5 22	589	12 46	511	13
522	518	503	509	516	513	521	530	541	531	6 38	569	16 42	495	14††
519	512	511	534	531	531	528	535	534	527	4 56	560	12 30	494	15
507	515	523	531	528	524	527	535	531	529	5 16	550	14 34	498	16
535	534	531	535	538	540	539	539	541	540	6 46	567	11 38	525	17
529	533	537	534	544	545	541	539	545	539	19 30	554	15 40	527	18
539	537	536	538	542	541	538	539	543	543	0 18	553	16 20	535	19
534	534	534	534	538	539	543	545	546	540	12 18	553	8 48	529	20
554	554	556	557	556	558	550	547	551	**559**	7 2	577	21 40	544	21
553	549	546	544	546	549	546	546	546	556	6 42	575	18 4	543	22†
552	554	554	555	555	555	556	556	556	556	6 40	566	0 0	547	23†
557	556	556	557	559	566	572	581	565	565	5 20	585	16 20	555	24
546	545	539	527	515	512	520	524	531	551	7 38	**618**	20 4	507	25
512	511	527	521	514	518	524	523	535	538	6 6	586	15 24	502	26††
531	526	517	506	500	**498**	502	511	513	**529**	6 34	576	20 0	495	27††
530	533	528	534	536	535	533	537	535	544	6 16	581	10 52	**489**	28††
539	535	540	541	537	545	541	540	547	544	5 50	562	1 18	529	29
543	544	545	550	547	545	545	542	540	547	5 36	565	11 15	531	30
547	546	549	552	557	554	552	551	550	553	6 32	569	12 56	537	31
537	**536**	536	538	539	539	540	542	543	546					Mean.
546	**544**	545	546	546	546	546	546	546	552					Mean.†

* See footnote on page B-17.
† Five international quiet days.
†† Five international distrubed days.

(Averages for sixty minutes centred at the full hours of Greenwich mean time.)

JANUARY. 17000 γ PLUS TABULAR QUANTITIES.

Date.	Hours (G. M. T.)														
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	865	867	869	876	881	873	862	862	864	864	863	871	872	872	873
2	871	870	870	877	887	887	874	872	871	864	867	868	872	875	876
3	876	876	877	881	884	875	868	869	873	871	876	885	887	885	887
4	882	888	888	891	896	889	874	871	885	893	894	897	896	895	896
5	895	895	897	899	898	895	887	879	885	885	881	885	889	892	894
6†	893	896	893	898	905	905	897	886	883	882	885	890	896	896	896
7†	894	893	895	896	893	885	878	879	887	891	891	892	899	887	887
8†	888	888	888	892	899	892	887	887	888	887	887	887	883	880	879
9†	877	879	879	883	884	880	871	868	871	873	871	867	868	870	870
10†	869	868	869	874	874	872	872	868	871	874	872	873	869	867	868
11	863	864	865	867	870	863	848	850	856	853	857	859	862	860	859
12	856	855	854	856	856	851	843	853	862	858	857	855	857	856	857
13	855	855	855	859	867	864	847	849	853	854	851	854	858	861	862
14	866	866	866	869	874	869	853	860	872	873	874	879	881	880	880
15	874	873	874	881	891	890	882	882	885	888	885	886	892	891	892
16	880	880	881	886	889	890	887	885	887	881	876	880	884	886	888
17††	878	885	886	900	903	893	882	881	880	882	886	888	893	891	892
18	894	895	895	902	**907**	901	897	899	905	905	900	895	894	896	896
19	895	895	892	895	893	889	889	883	884	888	888	887	886	883	883
20	879	878	878	883	882	872	854	864	869	872	865	850	852	867	868
21	869	868	868	871	867	861	863	867	871	867	878	863	861	863	865
22	873	875	877	880	882	875	876	881	882	880	878	875	868	869	871
23††	879	881	878	883	878	860	863	867	873	878	881	882	877	876	875
24††	875	874	876	878	871	857	853	860	864	868	870	871	867	871	871
25	878	879	878	881	873	857	853	857	866	876	879	883	877	876	876
26	881	881	884	888	884	871	872	881	882	883	886	887	883	881	882
27††	879	879	880	881	879	869	854	855	867	879	885	889	887	886	886
28††	884	891	890	893	885	873	878	885	887	890	892	897	895	892	893
29	892	881	890	879	875	868	857	857	851	862	871	874	874	874	874
30	864	864	867	873	871	856	**838**	838	847	854	858	861	863	860	862
31	869	872	873	882	892	884	857	859	870	886	893	896	887	880	881
Mean .	877	877	878	882	**884**	876	869	**869**	874	876	877	879	878	878	879
Mean† .	881	880	882	886	**889**	885	879	**876**	879	881	881	882	881	880	881

FEBRUARY.

1††	884	886	890	899	899	889	873	868	860	858	866	875	882	886	888
2††	883	883	887	896	900	**903**	897	894	897	899	900	895	890	893	898
3	888	888	887	887	888	886	880	881	888	891	890	895	891	886	884
4†	873	874	876	874	868	860	858	862	870	877	882	882	878	879	882
5	881	881	882	885	886	877	863	856	868	879	885	886	881	876	878
6	878	879	879	880	873	859	842	839	845	857	862	869	875	875	875
7	881	881	883	886	882	878	866	863	873	877	883	884	881	878	879
8	878	877	876	882	879	875	865	867	876	880	882	884	882	877	875
9	880	880	880	882	881	871	861	862	869	880	881	884	883	882	880
10	877	877	877	879	879	875	857	866	866	873	876	876	876	875	874
11†	870	870	869	874	877	874	870	868	868	867	871	875	875	873	871
12	871	872	873	876	878	873	867	859	850	856	863	869	870	872	870
13††	868	866	865	871	874	863	850	860	863	865	867	868	867	867	870
14††	861	859	859	868	873	874	865	865	873	873	868	867	866	868	871
15	864	863	864	869	867	859	845	841	842	843	856	863	863	863	867
16	867	868	870	876	880	879	872	871	870	867	870	873	875	873	873
17	873	873	875	878	883	884	882	883	885	884	885	888	888	890	892
18	887	885	887	890	887	878	869	871	888	866	868	876	884	884	885
19†	881	881	881	887	893	890	886	883	884	884	886	883	880	879	880
20	875	875	876	877	870	868	869	869	865	866	868	868	869	869	869
21	870	868	867	869	868	866	870	869	871	873	871	870	866	866	871
22	871	868	869	869	866	874	861	863	871	869	868	869	868	866	866
23	872	872	871	874	873	870	871	875	879	875	875	874	869	867	869
24	869	867	867	863	857	847	841	843	856	866	868	869	865	860	861
25	864	863	860	861	859	853	855	855	860	866	866	862	857	855	859
26††	857	856	856	857	849	841	**836**	837	850	861	872	874	874	872	872
27†	887	886	886	886	882	863	868	869	867	876	884	891	892	889	891
28†	882	882	887	894	889	875	864	863	869	875	877	876	876	878	878
Mean .	875	874	875	878	877	871	865	**864**	868	872	875	877	876	875	876
Mean† .	877	877	879	**88**	882	871	869	**868**	871	875	880	881	880	880	881

†Five international quiet days.
††Five international disturbed days.

(Averages for sixty minutes centred at the full hours of Greenwich mean time.)

JANUARY. 17000 γ PLUS TABULAR QUANTITIES.

Hours (G. M. T.)									Mean.*	Maximum.		Minimum		Date.
15	16	17	18	19	20	21	22	23		Time.	Mag.	Time.	Mag.	
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	H. M.	γ	H. M.	γ	
872	873	873	874	873	873	874	873	873	871	4 22	883	9 38	859	1
877	875	876	877	877	877	877	877	877	875	4 38	890	9 00	861	2
887	887	886	886	887	886	886	887	887	881	11 44	892	6 30	866	3
895	895	896	898	896	895	894	893	893	891	17 56	899	6 32	868	4
894	893	893	893	894	893	892	893	892	891	2 48	901	6 50	878	5
895	893	893	893	893	893	892	892	892	893	4 16	908	8 30	881	6†
887	887	887	887	887	886	885	883	882	888	3 20	897	6 32	874	7†
877	877	877	876	875	874	873	872	871	882	3 54	900	23 36	870	8†
870	870	870	871	871	871	871	869	868	872	3 43	885	11 22	866	9†
869	869	869	870	869	868	867	866	866	870	3 41	877	23 32	864	10†
859	859	860	860	860	861	859	859	860	860	4 22	871	6 34	845	11
857	857	858	858	859	859	859	861	859	**858**	7 40	862	6 02	841	12
863	864	864	866	867	868	869	869	870	860	23 30	871	6 18	843	13
880	880	880	880	881	881	882	882	883	875	23 59	884	6 36	855	14
893	893	894	893	891	891	890	890	889	887	17 02	895	0 48	872	15
889	889	888	888	888	886	887	887	888	885	4 36	891	10 00	876	16
895	895	895	895	894	893	892	891	890	890	3 52	907	0 08	876	17††
896	896	894	894	893	891	891	888	888	**896**	3 34	**911**	23 56	883	18
884	882	883	882	881	879	878	877	875	885	0 50	896	23 58	873	19
869	869	869	869	869	868	867	866	865	869	3 26	888	11 02	858	20
865	864	864	864	864	863	862	861	859	865	3 28	873	23 58	856	21
871	872	871	872	872	871	871	869	868	874	7 18	883	23 58	866	22
874	875	875	874	874	873	872	871	870	874	3 28	886	5 16	857	23††
871	871	871	870	872	873	872	872	871	870	3 00	879	5 26	850	24††
876	876	875	875	876	877	876	876	874	874	11 06	884	5 50	852	25
882	881	880	881	882	881	881	880	880	881	3 12	890	5 06	866	26
886	889	889	891	888	888	885	881	890	881	18 24	897	6 20	851	27††
893	892	891	890	889	888	887	885	885	889	11 02	898	5 02	870	28††
874	874	874	874	874	874	874	874	874	871	0 02	882	8 10	849	29
865	866	867	869	868	868	868	869	869	862	3 50	874	6 34	**835**	30
881	881	881	881	881	881	881	881	881	880	11 18	897	6 50	857	31
879	879	879	879	879	878	878	877	877	877					Mean.
880	880	880	881	881	881	880	879	879	881					Mean.†

FEBRUARY.

889	891	890	891	887	887	886	886	884	883	3 42	902	8 42	855	1††
899	899	896	900	896	892	891	889	890	**895**	5 56	**905**	0 34	881	2††
885	886	886	883	882	881	880	879	877	885	10 46	897	6 36	876	3
883	883	884	884	885	883	882	881	881	877	18 56	886	5 48	857	4†
878	879	880	880	880	879	877	876	876	878	10 08	887	7 00	854	5
875	874	876	877	876	875	873	873	872	869	3 20	882	6 32	836	6
879	878	878	879	879	880	878	876	876	878	2 54	887	6 16	857	7
877	877	876	877	878	878	877	876	876	877	11 06	885	6 14	862	8
879	879	878	880	881	881	881	880	879	878	11 10	886	6 00	860	9
873	875	872	873	873	873	873	873	871	874	4 08	880	7 50	864	10
870	870	869	870	871	871	871	871	871	871	3 40	879	8 16	867	11†
871	871	871	872	873	872	872	872	869	869	3 46	880	8 14	848	12
870	870	871	873	874	875	872	870	864	868	19 28	880	5 44	857	13††
869	871	873	873	873	872	871	871	871	869	3 52	877	1 12	857	14††
868	870	869	870	871	873	872	871	871	863	19 58	875	6 34	838	15
875	877	876	877	876	876	853	875	876	874	4 06	881	0 10	866	16
892	892	892	892	892	892	891	890	890	886	19 08	893	0 44	872	17
887	887	886	888	888	889	887	884	883	882	3 02	891	8 08	866	18
880	879	880	880	880	879	878	877	875	882	3 48	893	23 26	875	19†
870	869	868	868	869	869	867	866	865	869	3 12	878	8 16	863	20
870	869	871	870	870	870	869	869	868	869	9 20	875	4 48	863	21
867	867	869	870	871	871	870	870	869	868	19 14	872	6 08	860	22
869	871	871	871	873	872	870	869	869	872	7 36	879	12 50	867	23
862	861	863	863	866	864	863	863	863	861	11 10	870	6 19	839	24
860	859	859	860	860	859	859	859	858	**859**	9 30	870	5 10	851	25
877	878	880	880	880	881	883	884	883	867	23 32	885	6 32	**833**	26††
890	890	890	891	892	892	892	892	891	885	11 20	894	6 54	856	27†
879	880	880	881	881	881	881	881	881	879	3 18	895	6 50	862	28†
877	877	877	878	878	877	877	876	875	875					Mean.
881	881	881	882	882	882	882	881	881	879					Mean †

*The daily mean value of vertical force derived from 24 hourly values has been corrected for progressive change by adding 1/48th of the difference between the initial and terminal hours.

† Five international quiet days.

†† Five international disturbed days.

(Averages for sixty minutes centred at the full hours of Greenwich mean time.)

MARCH. 17000 γ PLUS TABULAR QUANTITIES.

Date.	Hours (G. M. T.)														
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	874	874	875	879	879	868	861	859	863	867	869	865	874	875	875
2	865	866	869	875	872	863	858	860	865	869	865	861	860	867	866
3	869	870	871	873	877	870	865	872	879	879	880	879	872	870	874
4†	874	873	876	879	879	873	867	871	879	883	881	880	874	871	874
5	875	875	877	877	875	869	869	873	881	885	887	888	886	883	884
6	881	880	883	887	888	888	887	883	885	888	886	883	877	878	882
7	876	877	880	883	883	883	881	876	875	876	881	881	879	879	879
8	885	885	887	895	898	892	885	883	885	886	890	890	888	888	890
9	888	888	887	885	879	874	875	874	873	880	883	885	883	885	886
10†	883	883	886	891	893	891	882	877	874	875	880	881	883	884	884
11	879	879	881	884	887	884	879	873	871	879	883	881	880	880	881
12	876	876	879	879	877	877	871	872	872	875	876	876	875	878	880
13††	885	887	888	890	889	882	877	888	884	887	887	884	880	882	887
14††	893	893	893	897	901	900	902	899	898	899	901	894	891	891	893
15††	895	894	897	896	896	894	889	885	885	892	892	890	888	888	889
16††	891	892	893	893	886	877	878	880	885	892	893	892	891	891	891
17	892	894	894	890	885	881	882	884	887	893	895	889	891	893	892
18	896	898	897	895	886	875	871	877	884	888	889	883	880	885	885
19	892	893	898	894	883	874	873	877	881	875	879	880	878	880	881
20	889	891	896	892	880	877	872	872	873	876	887	888	886	886	888
21	893	894	899	901	897	890	879	880	886	888	889	886	884	887	891
22	892	890	890	889	880	872	876	884	889	890	891	892	890	889	888
23	888	890	894	888	880	877	876	879	883	888	892	895	896	894	893
24	898	898	899	896	897	896	893	888	888	897	909	911	909	908	903
25	902	904	909	910	907	898	882	882	890	900	899	899	896	893	895
26	897	896	900	903	900	890	884	882	888	895	895	891	901	900	901
27†	904	904	908	909	903	901	897	892	892	896	901	899	897	898	898
28†	898	897	899	898	892	893	874	870	877	887	893	893	891	891	891
29†	899	901	901	897	891	895	874	871	883	893	896	897	895	895	895
30††	899	902	901	898	899	896	888	901	891	895	894	887	889	898	903
31	899	900	903	898	887	884	875	874	879	885	892	894	895	893	895
Mean .	888	889	891	891	888	883	878	878	881	886	888	887	886	887	888
Mean† .	891	891	894	894	891	888	879	875	881	887	890	890	888	888	889

APRIL.

1	897	899	903	904	900	890	874	869	877	886	891	894	892	889	890
2†	885	887	890	886	883	871	862	864	879	891	901	906	905	901	899
3	901	908	915	908	900	891	888	889	889	895	903	906	903	898	897
4	901	903	906	906	906	897	881	875	883	894	899	902	903	903	901
5	907	911	917	914	904	886	875	879	887	893	897	906	910	909	906
6†	902	904	911	915	913	897	877	873	884	891	898	903	901	900	898
7†	895	896	904	905	899	885	867	859	861	865	875	882	885	886	883
8	884	884	894	892	879	867	857	859	864	872	880	881	877	878	879
9††	881	882	887	880	875	871	868	874	883	886	889	889	887	887	887
10††	895	896	894	889	883	874	868	871	873	876	881	888	893	897	895
11††	909	917	912	901	899	890	888	891	900	908	912	912	909	908	912
12††	914	916	919	916	909	901	895	894	904	911	916	918	915	916	910
13††	909	913	914	909	905	893	884	885	896	903	905	908	905	902	899
14	901	904	907	900	890	883	878	881	891	898	904	909	909	904	903
15	906	910	914	905	894	880	868	865	876	889	899	906	907	902	899
16	900	904	904	897	890	880	870	870	883	893	896	897	895	895	894
17	898	902	904	898	889	893	874	872	880	890	897	902	901	895	894
18	897	900	900	897	889	873	866	861	865	884	894	899	899	894	891
19	894	901	902	895	885	876	867	864	868	877	887	893	895	896	895
20	903	907	913	912	901	886	878	876	886	899	909	913	912	905	903
21	908	912	918	916	910	897	892	891	897	907	914	919	919	914	913
22§	914	918	919	900	891	887	885	895	906	..	..	..	..	..	..
23§	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
24§	..	..	..	..	..	..	..	..	..	900	908	911	909	904	900
25	900	906	912	901	883	870	867	871	880	889	896	899	897	892	889
26	889	892	894	889	875	862	860	864	871	874	883	891	890	885	882
27†	885	887	887	882	875	865	855	857	870	878	881	883	881	876	875
28†	880	881	879	873	867	871	877	878	878	886	890	887	881	875	877
29	880	884	883	874	862	854	849	856	870	883	889	892	890	885	885
30	896	903	904	897	888	875	876	880	884	894	903	905	902	897	896
Mean .	897	900	903	899	891	881	873	873	881	889	896	900	899	896	895
Mean† .	889	890	894	892	887	877	867	866	874	882	889	892	891	888	887

† Five international quiet days.
†† Five international disturbed days.
§ Loss of record: The days have been omitted for means

(Averages for sixty minutes centred at the full hours of Greenwich mean time.)

MARCH. 17000 γ PLUS TABULAR QUANTITIES.

Hours (G. M. T.)									Mean.*	Maximum.		Minimum.		Date.
15	16	17	18	19	20	21	22	23		Time.	Mag.	Time.	Mag.	
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	H. M.	γ	H. M.	γ	
871	874	875	877	877	875	876	875	874	872	3 44	882	6 32	857	1
867	869	868	869	872	872	872	872	872	**867**	3 34	877	6 15	**854**	2
876	875	875	877	876	878	877	876	876	875	10 42	881	5 40	865	3
875	877	877	878	878	878	878	878	878	876	9 10	884	5 50	865	4
885	886	886	887	887	886	885	884	885	882	10 58	889	5 35	866	5†
883	884	885	885	883	883	883	886	880	883	9 10	888	12 30	875	6
881	881	882	883	883	881	880	879	878	880	3 08	884	8 40	874	7
890	891	892	892	893	891	891	889	888	889	3 49	899	6 42	881	8
886	886	887	888	888	887	887	886	884	883	18 04	889	7 46	872	9
884	884	883	883	883	882	881	881	880	883	4 02	895	8 18	874	10†
881	877	877	879	879	880	879	879	878	880	4 10	888	7 34	869	11
879	879	880	881	882	883	883	883	883	878	22 50	883	5 42	869	12
890	893	891	888	890	890	890	890	891	887	3 39	893	5 35	876	13††
895	893	897	895	891	884	891	891	891	895	6 14	907	14 00	887	14††
891	889	889	889	889	888	887	886	887	890	1 46	899	7 36	883	15††
890	892	890	891	891	890	889	891	891	889	2 46	896	5 00	875	16††
891	893	894	894	893	893	891	892	893	891	9 22	897	5 36	879	17
885	887	888	887	886	886	885	884	883	886	1 36	899	5 50	870	18
883	883	884	885	887	886	883	884	883	883	2 22	899	4 54	872	19
890	893	894	895	896	895	893	892	890	887	18 52	898	6 20	870	20
894	895	895	896	897	895	893	892	891	891	2 58	903	6 02	876	21
889	890	891	891	891	891	891	889	888	888	18 40	893	4 56	871	22
893	895	897	898	898	899	899	898	898	891	19 48	899	5 24	875	23
903	905	907	907	908	908	907	906	905	**902**	10 58	**912**	7 26	885	24
896	897	899	900	901	901	900	899	899	898	2 40	911	6 18	877	25
902	905	907	909	908	909	909	908	907	899	2 10	909	6 46	881	26
899	900	901	901	902	902	901	901	900	900	2 46	910	7 20	891	27†
893	895	897	899	899	899	899	898	899	892	2 14	900	7 04	869	28†
897	897	899	900	901	901	901	901	901	895	23 20	902	6 34	869	29†
901	901	903	904	905	903	901	901	901	899	19 30	911	11 08	886	30††
897	896	897	897	898	898	898	897	897	893	1 56	905	6 43	871	31
888	889	890	891	891	890	890	889	889	887					Mean.
890	891	891	892	893	893	892	892	893	889					Mean.†

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891	892	892	892	892	891	890	889	889	890	2 38	905	7 4	867	1
901	902	903	904	903	903	903	903	904	894	11 6	906	6 24	859	2†
899	900	900	900	900	900	899	898	898	899	1 58	915	6 30	887	3
903	905	906	908	910	909	909	908	909	901	23 58	910	6 54	874	4
906	907	907	908	908	907	907	905	904	902	2 16	917	6 16	874	5
898	899	899	900	901	900	899	898	897	898	2 38	915	6 32	872	6†
885	887	888	889	889	888	888	887	885	885	2 40	907	7 14	858	7†
878	880	883	885	885	885	885	884	882	879	2 22	895	6 6	856	8
889	891	893	895	896	896	895	895	895	887	19 50	897	6 24	867	9††
897	899	909	909	911	911	906	906	905	893	20 28	913	6 22	867	10††
912	914	916	917	919	918	916	913	912	909	1 18	**922**	5 42	886	11††
909	914	914	913	913	913	911	910	909	911	2 4	920	6 44	890	12††
901	902	900	902	901	900	898	897	897	901	2 26	915	6 12	882	13††
905	905	907	908	909	908	907	907	907	901	11 42	909	5 50	877	14
901	903	903	903	904	903	902	902	901	897	1 50	914	7 12	864	15
896	900	898	899	898	898	897	897	897	894	1 34	905	6 52	867	16
895	897	897	898	899	899	897	895	895	894	1 34	905	6 52	871	17
892	893	895	895	895	896	895	895	893	890	11 44	901	7 6	859	18
897	900	901	902	902	902	902	903	902	892	1 47	904	6 42	863	19
905	907	907	894	907	907	907	906	906	902	2 18	914	6 38	874	20
914	916	917	917	917	917	916	915	915	**911**	11 6	921	6 52	889	21
..	..	..	..	..	..	..	..	..	..	..	..	..	..	22§
..	..	..	..	..	..	..	..	..	..	..	..	..	..	23§
900	902	902	903	902	902	902	902	901	..	..	..	..	..	24§
891	891	893	893	893	892	892	891	891	891	2 8	913	5 55	865	25
884	886	887	887	888	888	888	887	887	883	1 28	895	6 26	858	26
877	878	880	881	881	881	881	881	881	**877**	1 40	889	6 24	852	27†
878	879	879	879	880	879	880	880	879	879	10 30	891	4 0	866	28†
889	892	893	895	895	895	895	895	896	883	23 46	896	5 46	**849**	29
897	900	901	902	901	902	901	900	900	896	10 39	907	5 14	873	30
896	898	899	899	900	900	899	898	898	894					Mean.
888	889	890	891	891	891	891	890	890	887					Mean. †

*See footnote on page B-29.
†Five international quiet days.
††Five international disturbed days.
§Loss of record : The days have been omitted for means.

(Averages for sixty minutes centred at the full hours of Greenwich mean time.)

MAY. 17000 γ PLUS TABULAR QUANTITIES.

Date.	Hours (G. M. T.)														
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1††	898	903	901	890	873	861	861	868	875	888	896	903	903	896	901
2††	904	905	912	903	883	875	875	876	884	898	904	907	905	898	896
3	897	903	905	894	873	861	866	864	872	883	891	897	896	891	888
4	898	903	903	892	883	873	869	869	876	889	900	902	899	893	893
5	899	903	907	899	883	875	874	878	885	889	896	902	901	897	894
6†	895	901	902	894	881	869	859	**858**	865	877	888	894	892	889	886
7	887	891	902	898	885	875	872	869	875	884	890	893	890	885	880
8†	887	891	893	886	871	860	855	851	860	866	873	877	879	881	878
9†	890	896	899	893	881	874	878	879	881	889	897	899	897	894	891
10††	901	906	909	904	896	887	886	887	888	891	891	895	893	893	894
11	902	904	905	898	883	870	871	877	881	893	902	904	902	901	896
12††	901	906	910	898	882	873	876	881	886	897	899	898	897	897	893
13	895	898	899	894	884	877	877	885	890	898	901	904	899	894	892
14	893	898	899	894	887	878	877	877	881	885	888	892	889	885	883
15	885	885	882	880	877	879	882	883	887	896	901	903	902	896	894
16	896	900	898	894	882	873	877	877	883	895	901	902	897	891	894
17	897	905	905	894	877	861	863	870	879	887	888	891	892	891	891
18	894	898	899	895	888	880	876	877	880	885	893	897	894	892	892
19	894	900	901	893	883	870	869	865	877	896	905	905	903	896	895
20††	903	911	904	888	877	876	871	868	875	895	902	908	905	897	897
21	902	907	907	897	880	866	862	864	873	882	889	890	891	893	894
22	896	903	899	888	877	872	869	871	879	887	892	892	892	891	891
23	893	901	897	884	869	860	856	864	878	892	903	906	903	899	900
24†	911	918	**920**	916	900	886	882	874	881	894	901	903	902	901	903
25†	909	913	911	903	892	882	883	883	887	894	905	913	911	907	905
26	911	917	918	911	899	890	886	888	894	904	908	905	904	903	905
27	912	915	914	912	907	902	903	901	905	905	911	913	911	906	905
28	912	917	918	909	892	876	869	874	885	891	895	897	897	898	897
29	908	911	907	903	896	889	887	889	889	893	897	898	898	898	896
30	908	913	912	907	893	879	884	894	906	915	915	911	904	900	900
31	910	916	911	899	883	872	874	875	877	889	899	901	899	898	898
Mean .	900	904	**905**	897	884	875	**874**	875	882	891	897	900	898	895	894
Mean† .	899	904	**906**	899	885	874	871	**869**	875	884	893	898	896	894	892

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1†	905	913	913	899	876	867	866	876	885	890	895	902	900	898	897
2†	903	907	903	894	872	866	870	881	892	900	905	909	904	894	897
3	905	912	903	886	854	848	851	861	872	886	896	901	898	891	891
4	899	903	898	890	878	864	865	861	868	876	884	888	889	886	883
5	889	897	896	887	877	864	856	854	865	878	885	888	888	884	882
6	887	892	890	877	856	853	851	855	865	877	882	886	885	880	874
7††	873	875	871	865	852	847	846	845	851	869	872	869	865	863	860
8††	852	861	865	851	835	837	854	864	875	886	896	908	911	911	911
9††	916	919	915	906	903	896	892	893	911	904	903	906	913	918	912
10††	919	921	922	916	902	893	887	890	903	909	909	912	912	915	914
11	915	917	912	904	892	887	885	887	895	903	904	910	913	909	906
12	913	916	915	911	896	888	884	879	884	900	906	904	901	902	900
13	910	918	913	899	895	888	886	889	889	899	910	914	909	903	902
14	912	917	917	910	893	883	877	879	887	896	904	905	901	894	892
15†	906	913	910	903	887	872	860	865	876	890	895	902	899	893	889
16†	900	904	902	895	876	865	870	868	879	889	900	905	901	895	890
17	900	905	895	884	873	863	857	862	868	874	879	882	887	886	883
18††	894	899	898	892	877	871	871	879	893	900	901	905	908	907	907
19	925	931	929	923	910	907	909	913	921	928	930	933	932	926	921
20	932	**940**	939	929	916	900	887	882	895	905	909	916	919	920	916
21	917	925	930	927	911	890	873	868	877	890	899	903	907	906	901
22	897	903	900	893	872	859	852	852	855	865	880	888	893	891	884
23	881	886	884	879	866	851	837	841	858	864	867	869	872	872	871
24	865	868	871	869	859	852	840	830	838	851	857	857	855	854	854
25†	855	860	859	845	826	**819**	821	829	852	878	894	901	900	901	906
26	921	927	930	924	915	910	912	915	915	925	934	937	928	922	918
27	925	930	927	919	911	908	899	905	913	921	926	923	921	917	913
28	917	925	921	919	922	909	895	894	907	916	917	917	916	914	907
29	912	920	921	914	900	890	890	879	882	885	891	897	899	902	898
30	906	912	915	912	903	898	893	889	891	897	901	902	904	902	897
Mean .	902	**907**	905	897	883	875	**871**	873	882	892	895	901	901	899	896
Mean† .	900	**905**	903	892	872	861	**860**	866	879	891	899	905	901	896	895

† Five international quiet days.
†† Five international disturbed days.

(Averages for sixty minutes centred at the full hours of Greenwich mean time.)

MAY. 17000 γ PLUS TABULAR QUANTITIES.

Hours (G. M. T.)									Mean.*	Maximum.		Minimum.		Date.
15	16	17	18	19	20	21	22	23		Time.	Mag.	Time.	Mag.	
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	H. M.	γ	H. M.	γ	
896	901	901	905	904	906	907	903	906	894	20 43	911	5 4	859	1††
897	898	899	900	899	898	898	898	899	896	1 44	914	5 30	874	2††
891	893	895	895	895	896	896	895	896	889	1 36	906	5 35	859	3
895	897	898	899	899	899	898	898	899	893	1 36	905	6 14	869	4
894	896	897	897	897	897	896	895	895	893	1 40	908	5 48	873	5
886	889	889	889	889	888	887	886	886	885	1 42	903	6 40	857	6†
880	883	884	885	885	885	885	884	885	885	2 30	904	6 44	869	7
880	883	884	884	885	886	886	887	887	878	1 50	893	6 52	850	8†
892	894	896	897	897	897	898	898	898	892	1 36	900	5 2	874	9†
895	896	899	900	899	901	901	901	899	896	1 46	910	5 50	884	10††
896	898	899	899	899	900	900	901	902	895	1 52	908	5 31	865	11
893	893	894	895	895	896	896	897	895	893	1 50	911	5 22	870	12††
892	892	894	895	894	894	895	894	894	893	10 24	907	5 30	874	13
884	885	886	887	887	886	887	886	885	886	1 30	901	6 26	876	14
896	897	898	899	900	901	898	898	899	893	11 26	904	4 2	875	15
895	897	899	899	898	898	898	897	898	883	10 12	907	5 10	871	16
893	895	896	896	896	895	895	895	895	889	1 40	907	5 18	859	17
894	895	896	896	896	896	895	895	894	891	2 18	899	6 0	875	18
898	900	902	902	901	901	902	901	902	894	10 54	906	6 56	864	19
902	902	902	904	904	903	901	902	902	896	1 12	912	7 36	867	20††
896	897	899	899	900	899	897	896	897	891	1 24	909	6 10	861	21
892	892	893	893	893	893	891	891	891	889	1 22	904	6 4	868	22
903	905	907	908	908	907	907	907	907	895	23 59	910	5 26	853	23
905	906	906	905	904	906	905	905	906	902	1 22	920	6 8	871	24†
907	907	907	909	909	909	909	908	907	903	11 10	915	4 54	880	25†
907	906	907	910	911	910	909	909	910	905	1 22	920	6 10	886	26
906	907	909	908	908	908	908	908	908	908	1 12	917	6 54	900	27
900	902	904	904	904	904	904	905	905	898	1 42	919	5 50	868	28
897	898	900	901	901	901	900	900	900	898	1 14	912	6 0	886	29
902	903	904	903	902	903	902	901	901	903	9 38	918	5 2	878	30
899	900	900	901	901	900	899	899	897	896	1 10	918	4 52	870	31
895	897	898	899	899	899	898	898	898	894					Mean.
894	895	896	897	896	897	897	896	896	892					Mean.†

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898	900	900	900	899	899	898	898	897	895	1 8	915	5 18	862	1†
899	900	901	901	901	901	900	898	898	896	11 2	911	5 6	865	2†
892	893	894	894	894	894	894	893	893	887	1 0	914	4 36	847	3
890	891	893	893	894	892	891	890	888	885	0 50	904	6 46	860	4
886	889	889	889	891	892	890	889	886	883	1 16	898	6 46	851	5
878	880	881	882	881	880	879	878	876	876	1 6	893	5 58	849	6
864	870	868	867	868	866	866	866	865	863	1 6	876	6 26	843	7††
911	915	918	919	920	920	921	919	919	888	19 39	924	4 36	832	8††
917	921	920	925	922	921	921	922	922	913	18 38	927	5 36	889	9††
912	911	909	913	915	917	916	915	915	910	2 6	924	6 50	882	10††
906	910	910	913	912	914	911	911	911	906	0 40	920	6 32	884	11
900	902	904	904	905	903	904	904	906	901	0 57	919	7 10	878	12
903	904	905	905	905	905	905	905	907	903	1 6	919	5 34	884	13
895	897	897	897	897	897	897	897	898	897	2 12	918	6 22	875	14
893	894	895	895	895	894	894	894	895	892	1 4	914	6 10	859	15†
892	892	893	892	892	892	891	891	892	890	10 50	906	5 2	863	16†
885	886	889	890	891	889	887	888	885	883	1 12	907	6 2	857	17
910	913	913	913	917	915	915	918	915	902	21 44	919	5 52	870	18††
922	923	925	927	925	925	924	924	924	923	11 24	936	4 44	906	19
918	919	919	919	920	920	918	918	917	915	1 50	942	6 32	881	20
903	904	904	903	901	901	901	900	900	901	2 14	930	6 50	867	21
883	883	885	885	885	884	883	883	882	880	1 10	906	6 32	850	22
869	869	870	870	869	869	868	867	866	867	1 14	887	6 22	835	23
854	853	853	853	853	852	851	852	851	854	2 18	872	7 10	831	24
908	910	912	913	914	917	917	918	920	884	23 59	921	5 12	817	25†
919	920	922	924	923	924	923	922	924	922	10 42	939	5 16	908	26
915	916	917	917	916	916	915	916	917	917	1 32	932	6 4	897	27
908	910	911	910	912	912	911	912	911	912	1 0	926	6 34	890	28
899	899	900	901	901	900	900	900	900	899	1 50	923	7 16	878	29
898	900	900	901	901	899	900	898	899	901	1 34	916	7 30	887	30
897	899	900	901	901	900	900	899	899	895					Mean.
896	897	898	897	897	897	896	895	895	891					Mean.†

*See footnote on page B-29.

†Five international quiet days.

†† Five international disturbed days.

(Averages for sixty minutes centred at the full hours of Greenwich mean time.)

JULY. 17000 γ PLUS TABULAR QUANTITIES.

Date.	Hours (G. M. T.)														
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	901	907	905	891	875	883	875	882	887	891	894	895	897	897	895
2	897	902	902	904	893	882	873	875	889	899	904	910	912	905	902
3	916	921	920	912	898	886	875	871	870	880	891	902	907	907	904
4	913	921	925	916	908	899	886	888	897	901	907	916	921	918	909
5†	921	929	930	928	924	912	897	887	891	896	904	912	918	918	913
6†	919	924	923	922	917	908	890	888	899	917	926	930	927	916	907
7	913	917	910	897	891	895	889	885	891	897	899	907	911	903	895
8††	901	904	905	901	891	880	873	873	879	883	893	903	905	897	887
9††	895	896	895	888	879	870	865	860	858	865	874	878	883	883	880
10	893	899	900	891	880	874	867	863	866	870	879	887	891	887	885
11	895	899	899	893	887	875	861	867	875	883	886	894	897	895	890
12	894	899	899	892	880	876	877	878	877	883	891	897	899	895	887
13	893	899	895	885	874	869	869	876	877	881	882	883	883	880	879
14	887	892	886	878	866	866	865	870	870	884	894	895	891	883	878
15	884	889	880	868	855	849	846	854	867	877	888	891	887	884	883
16	900	903	904	900	893	886	881	890	900	907	909	900	896	893	891
17†	907	909	911	913	907	895	892	907	915	929	**937**	932	921	909	905
18†	909	915	912	904	894	883	873	878	888	896	900	901	900	898	897
19	902	908	914	904	893	887	887	887	891	904	908	903	893	891	894
20	902	905	904	901	890	888	883	880	886	894	898	899	898	901	899
21	908	912	908	897	882	864	864	872	875	888	900	903	903	902	897
22††	906	910	909	905	900	894	897	886	883	891	900	900	898	901	899
23	905	909	909	903	892	876	866	876	883	890	891	893	897	902	894
24††	903	905	905	909	911	912	911	906	890	885	900	902	906	907	898
25††	901	903	907	901	889	890	887	891	890	882	894	897	897	897	897
26	904	904	902	901	897	893	893	903	908	912	910	906	901	899	895
27	904	909	903	895	881	873	875	881	887	887	894	898	899	893	891
28	896	899	899	888	879	870	867	877	891	900	900	899	894	889	889
29	903	908	898	881	868	857	**856**	868	877	883	897	895	894	894	890
30†	903	909	907	899	889	882	873	880	893	899	898	896	893	888	890
31	905	907	911	908	898	882	880	885	890	898	905	913	909	900	893
Mean . .	903	**907**	906	899	890	883	**877**	880	885	892	899	901	901	898	894
Mean† . .	911	**917**	916	913	906	895	**884**	887	887	907	913	914	912	906	903

AUGUST.

1	907	910	907	908	899	886	875	875	878	889	896	901	900	898	892
2	905	910	908	897	881	873	872	877	891	900	901	898	893	891	892
3†	898	901	901	895	880	882	881	874	865	873	884	888	887	890	887
4	888	892	893	876	852	852	857	863	867	873	875	877	877	876	875
5	875	878	879	871	863	862	867	874	875	875	880	883	876	871	869
6	870	873	870	857	836	830	830	836	840	852	862	864	863	861	864
7	862	868	865	852	840	838	852	861	873	887	903	914	919	917	916
8	929	933	931	923	909	897	893	896	907	919	925	928	926	925	922
9	921	924	928	924	914	907	905	909	911	917	922	919	916	915	916
10	920	925	923	912	903	888	884	884	894	905	911	914	913	910	909
11	917	921	918	911	902	894	885	888	894	898	903	907	906	908	904
12†	910	914	915	907	899	899	896	897	897	897	891	897	899	902	902
13	916	923	918	907	897	889	881	881	893	904	911	913	911	911	901
14†	912	918	915	899	886	881	877	881	891	898	899	898	898	898	895
15	901	905	899	886	872	865	870	874	875	885	887	888	879	881	878
16	895	901	897	885	869	853	843	851	863	869	872	872	873	869	871
17†	882	883	897	893	870	859	850	846	852	866	877	884	881	873	869
18†	874	881	878	870	856	843	837	851	857	868	873	875	871	864	863
19††	871	875	874	860	847	840	839	842	856	865	871	876	874	869	861
20††	859	866	870	859	845	832	826	824	841	847	854	858	854	853	849
21††	844	855	860	851	836	818	808	**807**	815	824	833	840	839	835	831
22	849	841	843	835	821	823	835	850	869	893	908	919	930	932	931
23	946	950	950	944	931	922	919	923	929	936	944	952	**955**	949	943
24	934	941	944	929	918	911	899	908	918	925	929	932	930	929	927
25	923	929	927	912	897	886	897	908	907	904	905	909	912	912	911
26	910	915	919	910	900	890	881	889	898	906	911	907	906	905	905
27††	911	916	915	904	893	892	893	895	902	906	911	914	909	902	901
28††	905	910	910	901	887	877	869	872	882	894	903	905	904	897	895
29	903	912	911	897	872	852	855	872	883	887	892	898	895	889	888
30	901	910	912	904	884	869	868	873	880	890	898	901	897	894	895
31	907	911	913	903	883	878	880	883	885	896	903	905	906	899	899
Mean . .	898	903	**903**	893	879	871	**869**	873	880	889	895	898	897	894	**892**
Mean† . .	893	897	**899**	891	876	871	**867**	869	871	880	884	888	888	886	**883**

† Five international quiet days.
†† Five international disturbed days.

(Averages for sixty minutes centred at the full hours of Greenwich mean time.)

JULY. 17000 γ PLUS TABULAR QUANTITIES.

Hours (G. M. T.)									Mean.*	Maximum.		Minimum.		Date.
15	16	17	18	19	20	21	22	23		Time.	Mag.	Time.	Mag.	
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	H. M.	γ	H. M.	γ	
895	895	895	895	896	895	895	895	894	893	1 16	910	4 8	873	1
905	907	909	909	910	911	911	910	911	902	23 58	914	6 14	871	2
904	905	907	907	908	908	907	907	907	901	1 14	923	7 47	869	3
912	913	915	915	916	917	916	915	915	911	2 0	926	6 20	883	4
914	914	916	916	916	916	915	915	915	913	1 38	933	6 50	886	5†
908	909	909	909	910	909	909	909	909	912	11 10	931	6 24	884	6†
897	898	899	899	899	899	898	900	899	899	0 54	918	6 50	884	7
890	891	893	896	896	896	895	895	895	893	1 36	908	6 2	869	8††
882	885	884	884	884	885	885	885	885	880	0 48	897	7 58	857	9††
886	887	889	889	890	890	888	887	887	889	1 42	902	7 14	862	10
890	890	891	891	891	891	891	891	891	888	1 6	901	6 18	859	11
886	886	888	888	888	890	889	888	889	888	1 38	901	4 40	874	12
879	879	881	882	883	883	881	882	883	881	1 6	900	5 40	867	13
879	879	879	880	881	881	881	881	881	880	10 18	897	6 10	863	14
886	889	892	892	893	892	892	893	895	881	23 59	398	6 14	844	15
893	895	895	895	895	895	895	896	897	896	9 28	911	5 54	880	16
906	908	909	909	910	908	908	907	908	911	10 6	939	5 26	889	17†
899	901	904	904	904	903	903	902	902	899	1 18	916	6 10	871	18†
897	899	900	900	900	900	900	900	900	898	2 6	915	5 38	883	19
901	903	904	905	905	906	905	904	904	899	17 0	906	6 48	878	20
898	900	903	907	906	906	906	904	905	896	0 52	913	5 34	859	21
899	901	904	904	904	903	903	902	906	900	1 28	911	7 40	883	22††
896	897	898	900	902	902	901	902	903	895	1 4	911	6 12	864	23
896	899	900	902	904	902	903	903	901	903	5 6	913	8 36	879	24††
896	897	896	901	900	900	899	899	897	896	1 40	909	8 46	880	25††
894	895	897	897	897	898	898	898	898	900	9 22	913	5 26	886	26
892	893	892	894	894	894	895	893	893	892	0 54	910	4 36	873	27
892	894	895	895	898	897	896	897	897	892	9 22	902	5 30	861	28
892	893	895	895	896	896	897	896	897	889	0 50	910	5 24	853	29
891	894	897	896	897	897	897	897	897	894	1 26	911	6 0	871	30†
896	897	898	898	900	900	900	899	899	899	11 16	914	5 46	879	31
895	897	898	899	899	899	899	899	899	896					Mean.
904	906	908	907	908	907	907	907	907	905					Mean.†

AUGUST.

891	895	898	899	899	899	898	897	897	896	1 0	912	6 32	873	1
893	896	897	897	897	897	896	896	895	894	1 20	912	6 24	871	2
887	888	890	891	892	892	892	892	892	887	1 26	903	8 0	864	3†
874	875	878	880	880	881	880	880	879	875	1 44	895	4 0	848	4
869	870	872	873	875	874	874	872	872	873	10 58	884	4 32	850	5
863	862	864	866	868	868	867	868	869	858	1 16	876	5 44	823	6
919	924	927	930	931	932	932	932	933	898	23 58	934	4 30	829	7
921	923	926	927	928	928	928	928	928	921	1 20	932	5 40	892	8
916	918	919	922	923	922	921	921	921	918	1 50	929	5 32	903	9
910	912	914	917	915	915	915	916	917	909	1 28	928	6 0	883	10
903	905	905	906	906	906	906	906	906	904	1 0	923	6 24	883	11
899	901	903	903	903	903	903	903	903	902	1 50	916	10 0	890	12†
899	901	902	903	903	904	905	904	903	903	1 12	925	6 39	877	13
893	894	895	895	894	893	892	891	891	895	1 34	921	6 30	877	14†
880	881	883	883	883	882	880	880	879	882	0 58	906	5 0	854	15
875	877	880	881	881	881	880	878	877	875	0 52	902	6 6	842	16
872	874	876	877	878	877	876	875	875	873	2 6	898	7 0	847	17†
866	870	872	874	874	874	873	873	873	867	1 22	882	5 46	833	18†
864	866	867	869	869	868	868	867	869	863	11 6	878	5 30	838	19††
850	853	854	855	856	856	855	855	855	851	1 50	871	6 34	820	20††
834	836	838	838	840	841	841	840	841	835	1 58	861	6 59	804	21††
933	939	942	944	946	947	949	949	952	901	23 59	953	4 24	819	22
943	945	946	947	948	955	950	951	951	943	12 4	957	5 48	917	23
927	929	931	932	933	934	935	936	937	928	1 24	946	5 58	897	24
912	912	913	914	914	914	915	915	915	911	1 26	932	4 58	884	25
905	905	907	906	907	908	908	908	909	905	2 18	919	6 8	880	26
901	902	904	904	909	907	908	905	905	904	1 28	920	4 52	891	27††
897	899	901	900	900	898	900	900	901	896	1 44	914	6 30	865	28††
892	895	895	896	896	896	896	897	896	890	1 12	915	5 26	849	29
898	899	899	900	901	900	901	900	900	895	1 42	914	5 22	876	30
900	901	903	904	904	904	905	904	904	899	1 24	915	4 46	877	31
893	895	897	898	898	899	898	898	898	892					Mean.
884	886	888	889	889	890	889	889	889	885					Mean.†

* See footnote on page B-29.
† Five international quiet days.
†† Five International disturbed days.

(Averages for sixty minutes centred at the full hours of Greenwich mean time.)

SEPTEMBER. 17000 γ PLUS TABULAR QUANTITIES.

Date.	Hours (G. M. T.)														
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	909	918	919	910	896	891	889	889	893	895	900	905	905	902	901
2†	907	913	914	903	883	872	871	876	881	891	901	905	902	897	897
3	896	905	907	891	862	846	842	853	866	879	887	892	890	886	885
4	888	895	902	889	857	849	842	846	859	869	877	879	874	866	866
5	876	881	889	875	849	830	**825**	833	855	873	887	898	901	896	899
6	915	920	921	907	896	887	885	892	899	907	915	916	911	909	911
7	918	925	932	920	901	889	887	890	903	912	923	926	922	916	915
8†	919	926	932	915	878	860	859	882	903	915	922	923	914	906	906
9	909	916	921	913	898	879	867	866	876	891	905	908	902	897	896
10	902	908	912	902	891	883	882	882	887	895	902	906	901	894	895
11††	903	907	904	890	867	851	845	864	877	896	904	907	898	894	896
12††	913	916	916	904	901	897	894	893	899	904	905	907	906	905	907
13†	917	920	925	919	908	894	886	891	904	912	916	914	910	907	911
14	924	933	931	911	885	876	877	888	911	926	930	928	914	905	912
15	912	918	919	906	889	876	856	858	881	905	918	918	906	897	897
16	903	902	906	893	871	855	857	865	884	900	909	908	899	886	883
17	893	892	896	889	864	856	853	855	865	881	891	893	886	875	875
18††	882	885	884	865	854	840	836	841	854	865	869	869	869	867	871
19	877	878	873	860	849	836	838	850	868	894	907	911	909	909	913
20	927	930	933	917	904	901	868	883	903	924	932	931	923	919	922
21†	922	926	933	928	905	888	877	886	900	912	920	923	918	914	914
22†	919	924	927	914	894	883	882	884	900	914	919	910	905	908	910
23††	911	917	922	911	893	871	861	868	883	895	902	906	904	903	909
24	916	921	917	902	883	874	877	883	892	899	904	906	907	906	907
25††	908	912	913	898	879	881	872	872	877	885	887	895	895	894	896
26	899	902	899	880	856	859	859	864	876	887	890	893	891	889	886
27	881	887	883	866	852	844	836	832	845	860	868	872	871	869	871
28	874	882	887	878	867	855	849	857	884	905	915	915	912	910	913
29	927	928	933	931	928	916	903	903	908	922	929	930	926	921	922
30	926	932	**934**	919	900	885	884	891	903	919	926	925	916	919	919
Mean . .	906	911	**913**	900	882	871	**865**	871	885	898	905	907	903	899	900
Mean† . .	914	920	**925**	915	892	898	**873**	883	897	909	915	915	909	906	908

OCTOBER.

1	927	928	929	914	906	898	892	893	898	919	929	929	921	917	919
2	918	920	921	907	893	879	873	884	900	917	923	921	914	910	911
3†	913	913	918	911	904	893	890	894	904	915	916	912	907	905	906
4	913	917	919	910	899	881	870	869	884	897	905	905	903	901	901
5†	908	913	918	907	894	876	866	867	880	894	903	903	898	900	901
6†	909	913	922	915	890	881	876	885	897	904	907	906	900	901	903
7	911	913	918	909	891	875	867	873	887	899	904	905	900	903	905
8	910	914	918	908	887	876	873	880	895	905	909	906	899	897	900
9†	906	909	909	903	891	881	879	871	877	892	901	903	901	903	905
10	910	914	914	906	888	879	878	882	891	903	904	901	898	902	905
11††	914	917	924	920	916	913	906	900	910	920	924	919	911	911	915
12	919	927	925	907	892	888	888	895	903	906	906	906	904	910	912
13†	912	915	917	913	911	899	895	901	914	918	920	915	907	907	909
14	907	909	911	907	900	891	882	885	895	898	899	902	895	896	898
15	902	906	908	908	897	892	885	881	885	890	895	900	895	892	897
16	902	905	908	909	905	905	902	899	897	902	905	905	899	894	900
17	900	901	906	908	897	880	872	859	870	883	889	890	887	885	887
18	894	897	900	899	885	863	861	873	881	892	907	913	906	904	907
19	913	917	919	915	904	888	880	883	893	903	912	916	913	911	912
20††	919	921	925	919	910	904	899	900	905	909	917	921	918	910	915
21††	917	920	923	920	915	908	909	913	920	925	920	916	911	906	911
22	913	911	915	915	902	888	884	887	899	906	910	905	900	899	899
23	907	909	915	913	906	902	898	894	896	898	900	901	899	899	899
24††	904	908	913	907	897	889	881	881	882	890	893	900	892	885	899
25	909	909	911	907	898	894	893	896	899	904	900	899	899	903	905
26	907	907	913	906	884	876	875	879	886	890	892	897	893	892	895
27††	894	894	897	895	885	881	870	873	875	876	884	887	880	884	888
28	892	892	888	885	884	880	876	881	884	882	881	883	882	885	888
29	880	890	884	885	873	861	**857**	867	870	879	871	864	861	867	870
30	869	871	876	878	874	874	874	889	909	913	919	920	919	92?	929
31	931	933	**936**	933	919	903	901	907	922	927	931	931	926	920	930
Mean . .	907	910	**913**	908	897	887	**882**	885	894	902	906	906	901	901	904
Mean† . .	910	913	**917**	910	898	886	**881**	883	894	905	910	908	903	903	905

† Five international quiet days.
†† Five international disturbed days.

(Averages for sixty minutes centred at the full hours of Greenwich mean time.)

SEPTEMBER. 17000 γ PLUS TABULAR QUANTITIES.

Hours (G. M. T.)									Mean.*	Maximum.		Minimum.		Date.
15	16	17	18	19	20	21	22	23		Time.	Mag.	Time.	Mag.	
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	H. M.	γ	H. M.	γ	
901	903	904	905	905	905	905	904	904	902	1 24	921	7 16	887	1
899	898	899	900	901	901	900	899	899	896	1 28	916	5 48	869	2†
885	889	889	890	890	890	890	887	887	883	1 26	908	5 46	841	3
869	873	872	875	874	874	875	873	874	871	1 50	903	6 20	840	4
900	903	907	908	909	910	910	910	911	885	23 58	913	5 54	824	5
911	914	916	916	916	917	917	916	916	910	1 24	923	6 0	883	6
917	916	918	918	919	920	920	921	921	915	2 10	932	5 46	886	7
906	907	907	907	908	908	909	908	909	905	2 0	933	5 32	852	8†
896	898	899	901	903	901	900	903	901	897	1 38	922	6 30	864	9
898	898	899	902	900	902	901	904	903	898	1 48	912	6 22	880	10
897	902	908	907	911	910	910	910	912	895	21 18	915	5 52	844	11††
905	911	911	912	912	912	913	913	912	907	0 50	920	6 14	891	12††
911	911	912	912	913	913	913	913	912	910	1 54	925	6 14	884	13†
911	912	912	913	914	914	913	912	912	911	1 30	935	6 13	873	14
898	897	899	899	901	901	900	898	899	898	1 42	921	6 36	851	15
886	887	888	891	892	890	893	890	889	888	10 30	909	5 26	852	16
881	876	878	881	879	891	881	881	882	879	2 12	896	6 18	852	17
866	869	872	874	874	876	876	874	878	867	1 24	887	5 50	835	18††
916	917	921	924	925	927	928	929	929	896	23 59	929	5 10	835	19
923	925	926	927	928	929	929	930	931	919	1 42	936	5 34	866	20
915	916	918	919	920	920	921	921	921	914	2 21	933	§	§	21†
911	912	913	915	915	915	915	914	913	909	1 42	928	5 26	880	22†
908	911	911	913	912	914	913	915	913	903	1 38	922	6 8	857	23††
909	911	911	913	915	915	913	911	912	904	1 18	922	5 22	872	24
902	900	901	903	902	902	901	901	899	895	1 36	917	6 44	869	25††
888	889	887	888	889	889	889	889	888	884	1 22	903	4 2	854	26
871	876	875	876	875	876	875	874	875	867	1 20	888	6 50	832	27
919	918	921	926	926	927	927	927	927	902	23 56	929	6 20	847	28
923	926	927	928	929	928	928	927	930	924	1 56	934	6 48	901	29
923	925	927	927	928	927	926	927	927	913	1 36	936	5 26	881	30
902	903	904	906	906	907	906	906	906	898					Mean.
909	910	911	912	912	913	913	913	913	908					Mean.†

OCTOBER.

923	923	924	925	927	927	927	924	923	918	10 34	931	6 46	886	1
911	911	913	917	917	916	916	917	917	909	10 20	923	5 50	870	2
905	907	907	909	911	911	911	909	909	907	1 40	918	5 59	884	3†
902	903	904	906	907	907	906	905	905	901	1 48	919	6 12	869	4
903	904	904	906	907	908	908	907	906	899	1 47	919	6 19	863	5†
905	906	906	908	909	910	910	909	909	903	2 8	923	5 57	874	6†
906	907	910	911	910	910	911	909	909	902	2 2	918	5 48	865	7
901	901	903	904	906	904	906	906	904	900	1 58	919	5 52	871	8
907	908	908	909	909	909	910	910	910	901	23 52	911	7 18	868	9†
905	906	908	905	909	908	909	908	909	902	1 35	915	5 56	876	10
918	917	917	919	922	918	921	919	917	916	2 18	924	6 48	898	11††
913	914	915	916	916	916	915	913	913	909	1 46	928	5 4	887	12
910	910	910	911	911	911	910	909	908	910	9 50	921	6 14	892	13†
900	903	904	904	903	903	901	902	902	900	1 32	912	5 20	875	14
900	898	903	903	903	903	902	900	898	898	1 34	909	7 6	879	15
897	899	899	901	901	901	901	900	899	901	2 34	909	12 40	892	16
890	891	892	893	891	892	891	890	890	889	2 42	909	6 54	857	17
908	909	912	915	914	913	915	914	914	900	23 59	915	5 32	857	18
911	918	916	917	918	917	917	915	915	909	1 58	919	6 30	878	19
916	915	919	921	921	917	916	916	914	914	11 42	931	6 24	894	20††
914	915	915	913	913	913	911	910	913	914	9 10	928	5 8	902	21††
903	904	907	905	905	905	905	904	903	903	2 46	919	6 26	879	22
898	898	900	901	902	902	902	900	900	902	2 14	917	7 4	893	23
898	901	908	911	910	906	905	903	902	899	2 14	913	6 44	874	24††
904	905	908	910	910	908	907	902	903	903	2 12	912	5 22	891	25
895	895	895	897	897	897	896	895	894	893	2 20	913	5 52	873	26
891	895	898	902	901	901	896	896	896	889	18 4	903	6 10	867	27††
889	890	891	893	887	889	889	888	887	886	17 46	896	6 10	875	28
870	871	872	873	875	872	873	872	873	871	2 33	885	5 46	854	29
930	933	935	934	935	935	935	935	935	907	17 20	939	0 36	868	30
929	930	933	935	934	934	931	930	930	926	2 24	940	6 2	892	31
905	906	908	909	906	909	908	907	907	903					Mean.
906	907	907	909	909	909	909	909	908	904					Mean.†

* See footnote on page B-29.
† Five international quiet days.
†† Five international disturbed days.
§ Lost of record.

(Averages for sixty minutes centred at the full hours of Greenwich mean time.)

NOVEMBER. 17000 γ PLUS TABULAR QUANTITIES.

Date.	Hours (G. M. T.)														
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	920	922	924	922	913	901	899	904	910	914	914	915	913	912	914
2	909	907	907	902	896	889	888	895	896	898	902	905	908	903	905
3	903	900	904	903	897	892	885	883	889	887	893	897	897	895	896
4†	895	894	897	892	886	887	881	878	880	885	893	897	893	893	896
5††	895	895	896	903	907	907	902	907	915	921	923	914	908	909	911
6	916	918	917	917	908	907	907	916	923	924	919	919	918	920	920
7	919	919	921	920	910	904	900	902	907	908	911	911	909	912	915
8	908	909	911	908	900	889	882	889	896	901	900	897	895	901	904
9	903	905	907	909	901	884	873	878	889	894	897	900	896	902	905
10†	902	900	901	907	906	900	901	910	921	922	913	905	901	901	903
11	900	899	902	903	887	869	862	874	881	884	889	889	885	885	890
12††	887	887	894	892	880	872	874	882	894	890	891	893	892	891	896
13††	901	903	900	905	899	893	887	891	900	898	902	910	9 7	906	908
14††	909	908	910	912	905	901	892	895	901	907	913	915	909	911	910
15	910	910	910	915	907	893	893	910	908	909	909	910	910	911	912
16	912	913	919	921	913	896	882	880	891	898	903	905	905	907	909
17†	909	909	911	916	915	910	902	906	915	920	918	915	909	908	908
18	907	904	907	907	903	896	892	898	902	902	900	899	899	901	902
19	903	900	899	895	890	883	873	878	887	895	900	898	891	893	893
20	894	894	893	896	895	885	877	883	892	895	893	890	887	886	888
21	881	880	881	883	879	869	863	871	872	876	873	868	869	870	872
22	870	870	869	873	867	857	857	859	868	871	868	866	861	864	865
23	861	864	865	862	859	861	869	881	899	908	910	911	910	916	920
24	929	930	931	934	935	930	925	926	935	933	930	926	925	929	931
25†	931	931	935	935	931	923	920	925	934	932	928	928	927	929	931
26†	921	918	922	922	911	903	904	907	914	919	917	917	911	912	916
27††	906	905	906	905	896	888	888	893	904	907	908	904	897	899	903
28	899	898	901	902	895	878	878	886	889	896	891	885	881	884	888
29	895	895	895	899	897	883	884	890	896	900	907	906	894	895	899
30	899	900	906	897	887	880	880	882	899	899	900	896	888	899	902
Mean	903	903	905	905	899	891	887	893	900	903	904	903	900	901	904
Mean†	909	908	911	913	908	903	900	903	912	915	913	912	908	909	911

DECEMBER.

1††	897	893	901	897	883	864	864	876	893	896	892	890	891	893	896
2	897	899	901	899	898	884	884	888	893	892	895	898	899	895	897
3	899	899	900	906	898	891	888	895	896	897	899	901	897	896	897
4†	897	898	897	902	895	880	877	881	883	882	894	902	900	897	898
5†	897	897	897	901	897	884	883	894	894	893	895	896	895	897	897
6†	894	892	890	894	885	877	880	882	888	891	894	900	900	898	900
7	904	904	902	908	911	899	891	891	893	891	892	900	901	903	904
8	899	897	898	905	915	884	888	902	906	893	886	891	895	899	900
9	897	894	892	900	903	894	881	887	895	895	890	889	890	891	895
10	893	889	887	894	897	889	874	870	890	889	889	887	884	886	889
11	894	891	888	896	899	891	876	872	881	891	891	888	882	884	887
12	892	890	890	894	899	890	879	881	888	889	893	890	882	884	887
13	895	896	897	903	899	885	878	881	887	886	886	887	883	886	886
14††	894	897	896	901	890	877	873	882	889	886	890	888	876	881	881
15	879	878	878	882	887	870	861	869	884	891	889	886	882	883	887
16	887	885	890	893	892	869	863	869	867	866	874	878	873	870	874
17	869	868	868	870	861	841	831	837	845	847	847	850	849	846	850
18	847	848	849	860	860	841	840	853	855	865	875	885	891	893	897
19	906	912	914	931	937	925	909	905	904	905	909	913	917	913	913
20	910	914	918	927	927	914	901	899	899	902	904	910	914	912	915
21	908	909	908	917	918	906	901	898	901	898	898	903	905	906	907
22†	899	901	903	911	911	891	890	885	884	887	890	893	893	895	898
23†	902	903	905	915	917	909	900	895	903	909	905	899	900	902	901
24	900	899	901	909	910	896	893	890	881	875	878	884	893	897	897
25	893	893	891	900	904	895	890	892	901	901	897	892	889	893	894
26††	883	881	880	887	895	896	898	902	897	892	881	876	876	880	881
27††	869	866	865	866	862	859	854	865	878	884	883	869	859	863	865
28††	853	847	847	849	849	845	831	829	844	851	848	843	835	845	846
29	842	840	836	835	829	818	824	838	862	878	886	886	878	881	884
30	894	897	900	897	883	868	855	865	881	898	906	905	897	899	905
31	910	910	910	914	909	890	869	878	897	909	919	919	912	909	915
Mean	890	890	890	895	894	881	875	879	882	888	889	890	888	889	892
†Mean	899	899	899	906	902	889	886	888	891	892	896	898	898	897	899

† Five international quiet days.
†† Five international disturbed days.

(Averages for sixty minutes centred at the full hours of Greenwich mean time.)

NOVEMBER. 17000 γ PLUS TABULAR QUANTITIES.

Hours (G. M. T.)									Mean.*	Maximum.		Minimum.		Date.
15	16	17	18	19	20	21	22	23		Time.	Mag.	Time.	Mag.	
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	H. M.	γ	H. M.	γ	
916	916	918	921	921	921	921	920	921	915	2 24	927	5 34	896	1
905	906	908	909	906	909	904	905	905	903	20 18	912	5 46	885	2
897	898	898	900	899	898	898	900	899	896	2 28	907	6 42	880	3
897	897	898	900	899	898	898	898	898	893	18 10	900	6 25	876	4†
912	911	917	916	918	915	916	916	917	911	9 6	923	1 24	892	5††
920	920	919	920	920	920	919	918	916	918	8 26	929	5 25	903	6
914	914	914	914	914	913	911	911	909	911	2 28	924	6 18	899	7
904	905	907	906	906	905	905	903	903	901	2 16	912	5 50	879	8
904	905	905	904	905	904	904	903	901	899	2 50	909	6 6	872	9
903	903	904	904	902	901	900	900	898	904	8 34	925	5 26	897	10†
891	891	894	894	894	892	892	890	887	888	2 34	904	5 30	859	11
903	904	904	904	907	906	906	905	902	893	21 38	908	5 49	870	12††
907	909	909	912	910	911	909	908	911	904	18 16	913	5 38	885	13††
909	909	913	913	911	912	915	909	910	908	20 54	917	6 0	890	14††
910	910	911	911	910	910	910	910	909	909	3 0	917	5 42	888	15
908	905	908	911	910	910	910	907	907	905	2 30	921	6 30	879	16
909	908	908	907	907	906	905	905	905	910	9 24	922	6 12	901	17†
897	896	896	897	897	895	895	895	893	899	2 34	910	23 16	891	18
893	894	892	893	893	891	890	889	890	891	0 18	904	6 18	872	19
886	887	888	889	889	886	887	886	887	889	2 50	897	6 0	876	20
873	871	872	874	873	873	872	873	873	873	2 46	884	6 2	862	21
864	862	864	865	866	864	864	863	864	865	3 0	873	6 0	856	22
921	923	925	926	927	928	928	929	929	903	23 59	931	4 4	858	23
930	931	932	933	932	932	931	931	932	931	8 8	936	6 10	924	24
930	930	930	930	930	929	928	928	927	929	2 24	939	5 44	919	25†
915	914	915	916	915	916	915	913	914	914	2 20	924	5 20	901	26†
903	903	904	902	902	902	901	901	901	901	9 28	909	5 0	887	27††
888	889	892	892	891	890	890	890	890	890	2 24	903	5 6	876	28
898	898	899	900	900	901	901	898	897	897	10 10	909	5 30	880	29
900	901	901	901	904	900	899	899	900	897	1 45	909	5 36	875	30
903	904	905	905	905	905	904	903	903	902					Mean.
911	912	912	913	912	912	911	911	911	910					Mean.†

DECEMBER.

894	896	897	897	895	898	896	897	897	891	2 30	903	6 5	860	1††
898	899	901	899	899	898	899	897	898	896	2 28	903	5 8	881	2
897	898	898	895	899	896	897	897	897	897	2 46	907	5 30	885	3
897	896	896	897	896	896	896	896	896	894	11 14	903	5 36	874	4†
896	894	895	896	895	894	893	893	893	894	3 20	902	5 32	879	5†
901	902	903	904	903	903	903	904	903	896	17 44	905	5 24	876	6†
903	903	902	903	903	903	902	903	899	901	3 52	914	6 24	888	7
900	899	900	898	899	899	899	897	896	898	3 54	909	5 22	879	8
895	896	897	898	898	898	895	893	891	895	4 10	903	6 0	881	9
890	891	891	893	893	891	891	888	889	888	4 10	899	6 54	869	10
887	889	891	891	891	889	889	887	887	888	18 2	891	6 38	873	11
887	888	888	889	900	888	889	888	888	885	4 0	900	6 16	877	12
888	890	890	890	891	890	889	889	889	889	3 8	905	6 29	875	13
883	886	883	883	881	879	881	881	878	885	2 56	901	5 50	871	14††
886	887	888	889	888	887	887	887	888	883	3 44	894	6 24	859	15
876	873	874	873	873	873	870	870	871	885	3 50	897	5 26	861	16
849	851	853	852	852	851	850	849	847	851	3 14	871	5 58	829	17
897	898	902	904	903	905	905	905	907	880	23 59	907	5 24	835	18
915	913	914	915	915	914	914	914	914	914	3 46	941	7 34	903	19
914	912	912	913	912	911	911	910	911	911	3 40	931	6 14	897	20
905	906	908	907	905	905	905	903	902	905	3 43	921	9 14	897	21
899	898	898	899	899	899	899	898	898	897	3 46	915	7 44	881	22†
901	901	902	903	904	903	902	901	900	903	4 0	917	6 56	894	23†
897	896	895	897	897	897	896	895	894	894	3 36	912	9 6	874	24
893	892	893	894	892	889	890	888	885	893	7 54	905	23 56	882	25
880	880	881	879	879	877	878	872	872	883	6 34	912	23 44	868	26††
865	865	866	865	863	860	859	856	852	865	9 0	886	5 40	850	27††
846	848	848	847	848	846	847	846	845	845	8 29	854	7 3	823	28††
885	889	891	893	894	893	894	895	894	870	21 36	898	5 10	816	29
905	906	909	910	909	909	909	910	911	897	18 24	912	6 4	854	30
917	917	918	920	919	919	919	920	920	910	10 42	923	6 6	867	31
892	892	893	893	893	892	892	891	891	889					Mean.
899	898	899	899	899	898	898	898	897	897					Mean.†

* See footnote on page B-29.
† Five international quiet days.
†† Five international disturbed days.

At Colaba, since 1883, a day is classed as (1) a quiet day, or a day of (2) small, (3) moderate, (4) great or (5) very great disturbance, the letters for distinguishing the respective classes being C, S, M, G and VG. For representing intermediate conditions of activity of the smaller period movements, sub-classifications Ca, Sa and Ma are used. Roughly speaking a storm having a range over 225 γ in the variation of the horizontal force during the first twenty-four hours after its commencement is classed as "Very Great". It is "Great" if the range is between 150 γ and 225 γ, "Moderate" if the range is between 65 γ and 150 γ and "Small" if the range is less than 65 γ. The range is however not the only criterion used in assigning the character of a storm. The oscillations in the magnetograms are duly taken into account in determining the class to which a particular storm should belong. During the year there were 15 days of "Moderate" and 141 of "Small" disturbances. No storm of "Great" or "Very Great" intensity was recorded during the year. The following table gives a list of principal disturbances recorded during the year. Of the smaller disturbances, only those which showed special features have been included in this table.

PRINCIPAL MAGNETIC DISTURBANCES, 1935.

Date.	Time of beginning. G. M. T.	Duration in hours.	Horizontal force during storm.						Range	Relative magnitude.	Remarks.
			Maximum.			Minimum.					
			Time.		Magnitude.	Time.		Magnitude.			
	H. M.		D. H. M.		γ	D. H. M.		γ	γ		
January 16	17 —	32	17	0 16	37547	16	23 22	37503	44	Sa	Commencement gradual.
„ 27	14 52	35	27	14 56	37565	28	4 34	37454	111	Sa	Commencement sudden.
February 3	3 —	18	3	6 40	37512	3	12 58	37408	104	Sa	Commencement gradual.
„ 12	23 —	50	13	5 50	37539	14	12 8	37428	111	M	Do.
March 12	21 —	72	14	5 33	37537	14	15 43	37411	126	Ma	Do.
„ 30	12 12	14	30	12 31	37550	30	15 2	37473	77	Sa	Commencement sudden.
April 10	1 —	72	10	8 0	37557	11	10 32	37125	435	M	Commencement gradual.
May 1	12 48	50	3	6 34	37549	2	3 30	37449	100	M	Commencement sudden.
June 7	3 —	45	7	5 40	37599	7	20 40	37147	452	M	Commencement gradual.
„ 9	5 30	21	9	9 6	37615	9	18 53	37163	452	M	Commencement sudden.
„ 10	6 45	18	10	6 49	37532	10	15 6	37148	384	Sa	Do.
„ 16	21 —	74	17	6 4	37576	18	16 34	37427	149	Sa	Commencement gradual.
July 7	21 10	50	8	4 56	37635	8	12 2	37403	232	Ma	Commencement sudden
„ 24	20 33	30	24	20 41	37552	25	11 38	37437	115	M	Do.
August 19	5 —	20	19	6 58	37632	19	14 6	37511	121	Sa	Commencement gradual.
„ 27	17 33	28	27	18 32	37589	27	19 9	37530	59	S	Commencement sudden.
September 10	15 —	44	11	8 10	37651	11	13 35	37479	172	Ma	Commencement gradual.
„ 23	1 —	26	23	6 16	37597	23	18 14	37448	149	Sa	Do.
„ 24	11 —	53	25	2 2	37542	25	11 44	37429	113	Sa	Do.
„ 30	11 —	36	1	4 12	37556	1	8 48	37510	46	S	Do.
October 6	23 —	26	7	7 2	37590	7	11 22	37494	96	Sa	Do.
„ 11	5 —	23	11	5 26	37599	11	16 32	37481	118	Sa	Do.
„ 14	0 —	23	14	5 34	37610	14	20 36	37521	89	Sa	Do.
„ 15	1 —	22	15	6 14	37579	15	12 24	37506	73	Sa	Do.
„ 20	9 —	60	20	9 18	37580	20	13 58	37417	163	Ma	Do.
„ 24	6 42	42	24	6 50	37585	24	13 2	37394	191	Ma	Commencement sudden.
„ 27	2 —	24	27	6 36	37602	27	16 38	37457	145	M	Commencement gradual.
„ 31	2 —	24	31	19 23	37554	31	11 50	37465	89	Sa	Do.

PRINCIPAL MAGNETIC DISTURBANCES, 1935—*contd.*

Date.	Times of beginning. G. M. T.	Duration in hours.	Horizontal force during storm.				Range.	Relative magnitude.	Remarks.
			Maximum.		Minimum.				
			Time.	Magnitude.	Time.	Magnitude.			
	H. M.		D. H. M.	γ	D. H. M.	γ	γ		
November 11	23 14	28	12 3 24	37583	12 16 42	37458	125	M	Commencement sudden.
,, 29	4 0	71	29 6 0	37612	30 11 4	37503	109	Sa	Do.
December 14	10 —	33	15 4 56	37560	15 12 30	37494	66	Sa	Commencement gradual.
,, 24	19 36	52	25 7 38	37618	26 15 24	37502	116	S	Commencement sudden.
,, 27	23 —	27	28 6 16	37581	28 10 52	37489	92	Sa	Commencement gradual.

Fourier analysis of the diurnal and annual variations of Horizontal Force for the five International quiet days during 1935.

Diurnal variation: $\triangle H = c_1 \sin(\theta + \varphi_1) + c_2 \sin(2\theta + \varphi_2) + \ldots\ldots$; θ is counted at the rate of 15° per hour from midnight to midnight (G. M. T.).

Annual variation: $\triangle H = c_1 \sin(\theta + \varphi_1) + c_2 \sin(2\theta + \varphi_2) + \ldots\ldots$; θ is counted at the rate of 30° per average month.

Quantity.	Diurnal Variation.												Annual Variation.
	Jan.	Feb.	March.	April.	May.	June.	July.	August.	Sept.	Oct.	Nov.	Dec.	
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
c_1	15·9	12·4	20·8	18·4	15·0	18·5	18·6	11·7	12·2	16·0	17·2	9·4	4·1
c_2	6·8	5·1	8·6	9.0	7·9	11·0	9·2	6·5	7·0	7·2	7·8	4·2	1·9
c_3	1·9	2·7	4·2	3·2	1·6	3·0	1·7	2·0	3·9	4·3	3·4	3·1	2·4
c_4	1·2	1·3	1·3	1·2	0.8	3·2	1·0	0·9	2·1	2·3	0·9	1·4	0·5
c_1/c_2	2·3	2·4	2·4	2·0	1·9	1·7	2·0	1·8	1·7	2·2	2·2	2·2	2·2
	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′
φ_1	353 48	347 57	352 20	346 33	348 06	354 00	349 50	342 31	339 05	343 38	352 24	348 33	225 59
φ_2	247 44	248 23	246 44	243 19	246 21	251 35	240 33	229 01	221 56	232 45	262 45	267 15	171 45
φ_3	145 43	177 25	160 05	155 54	156 43	158 35	148 48	138 22	144 53	130 48	183 40	190 10	160 39
φ_4	49 02	63 50	108 18	71 43	61 45	111 48	267 44	112 23	40 40	54 26	119 30	54 22	67 39

POTENTIAL GRADIENT 1935, IN VOLTS PER METRE.

Mean values for sixty minutes centred at the full hours of Greenwich Mean Time.

Date.	January.				February.				March.			
	3 h.	9 h.	15 h.	21 h.	3 h.	9 h.	15 h.	21 h.	3 h.	9 h.	15 h.	21 h.
1	137	73	71	61	285	119	142	193	..	..	..	..
2	149	73	..	..	156	87	146	180	..	..	..	..
3	..	..	135	161	180	89	102	102	..	..	65	56
4	138	160	..	..	219	125	146	250	156	Z—	77	60
5	..	..	165	243	157	139	137	199	177	45	108	143
6	147	85	150	..	210	176	156	156	148	70	107	180
7	..	..	..	..	318	148	135	119	139	66	123	189
8	..	..	..	..	178	108	181	247	97	74	66	166
9	..	..	..	..	292	82	206	261	111	82	82	172
10	..	..	151	195	146	99	137	145	125	66	78	176
11	169	136	136	133	128	94	78	50	147	90	87	161
12	267	82	112	174	242	102	93	128	135	187	82	185
13	236	Z—	102	181	201	Z—	121	91	142	131	70	57
14	256	25	201	197	296	60	124	220	111	87	144	98
15	214	—71	178	209	243	57	110	224	74	132	107	57
16	320	Z ±	157	178	256	96	156	183	262	—89	89	57
17	303	78	150	151	295	105	142	192	262	56	..	..
18	133	84	151	139	229	105	169	210	..	..	57	54
19	129	89	133	159	200	110	108	190	74	66	63	246
20	125	56	174	147	178	293	156	261	279	139	..	..
21	135	..	136	142	172	128	137	145	..	..	66	75
22	117	223	125	240	224	78	90	192	164	89	..	..
23	142	130	214	214	238	110	135	276	..	49	66	92
24	196	104	175	116	206	73	101	64	97	..	..	..
25	263	129	109	169	156	78	106	90	..	..	74	103
26	269	108	117	98	146	87	102	93	189	61	78	71
27	153	62	116	196	197	120	..	103	92	..	82	112
28	133	133	126	125	110	62	..	..	164	12	94	90
29	94	80	174	169					197	68	..	..
30	249	94	125	176					205	—9	119	72
31	280	147	143	205					107	12	90	90
Mean (*a*)	190	102	143	167	206	109	131	169	152	79	84	115
Mean (*b*)	188	97	145	161	215	111	132	177	137	64	93	139
	Mean (*a*) 152; Mean (*b*) 149.				Mean (*a*) 155; Mean (*b*) 161.				Mean (*a*) 105; Mean (*b*) 108.			

Date.	July.				August.				September.			
	3 h.	9 h.	15 h.	21 h.	3 h.	9 h.	15 h.	21 h.	3 h.	9 h.	15 h.	21 h.
1	72	54	94	30	122	..	78	..	Z—	39	62	54
2	31	52	60	62	..	113	113	109	36	110	—50	114
3	61	74	..	..	94	126	129	140	76	99	75	91
4	..	..	..	..	115	125	105	101	12	103	97	109
5	..	..	..	..	113	129	133	129	71	87	92	..
6	..	..	..	..	113	121	140	129	91	59	100	107
7	..	..	..	..	105	..	..	..	114	..	..	..
8	..	..	..	..	..	117	113	115	..	..	114	107
9	..	..	..	..	90	105	95	109	88	107	110	99
10	..	..	..	..	95	100	103	129	95	87	122	40
11	..	..	..	..	101	119	115	..	8	48	79	—167
12	..	..	..	..	..	117	117	..	54	16	83	73
13	..	..	..	..	..	126	90	..	77	51	61	32
14	..	..	..	..	66	125	100	62	12	34	—32	54
15	..	..	..	..	27	62	119	109	63	43	49	51
16	..	..	..	..	113	61	86	..	55	—37	79	67
17	..	..	..	..	..	..	..	..	36	..	..	130
18	..	..	..	..	..	—606	70	58	108	99	99	107
19	..	..	..	..	13	105	87	84	80	95	99	127
20	..	..	..	..	86	105	59	49	122	107	126	162
21	..	..	..	..	..	100	91	..	128	103	122	107
22	..	116	100	48	..	82	..	..	126	99	138	178
23	80	96	104	..	..	59	100	Z ±	118	99	126	142
24	..	96	80	..	94	19	261	104	126	87	104	150
25	..	80	57	48	Z—	179	90	59	87	91	—87	107
26	37	102	116	124	86	..	..	..	103	85	107	118
27	102	100	105	92	..	69	104	109	107	80	96	162
28	108	100	108	112	120	203	94	Z—	146	71	91	166
29	100	104	105	101	Z—	273	109	144	142	73	92	54
30	136	116	140	136	140	72	14	..	103	39	79	41
31	134	136	152	140	..	66	82	23				
Mean (*a*)	86	94	102	89	94	111	104	98	85	77	96	102
Mean (*b*)	103	160	121	118	87	116	106	104	92	81	84	93
	Mean (*a*) 94; Mean (*b*) 125.				Mean (*a*) 102; Mean (*b*) 103.				Mean (*a*) 90; Mean (*b*) 87.			

Mean of monthly hourly means.	0	1	2	3	4	5	6	7	8	9	10	11
Wet Period May to October.	82	87	90	91	90	87	87	92	91	87	86	90
Dry Period November to April.	136	149	151	158	160	149	131	120	105	100	93	93

(*a*) Mean from all positive readings.
(*b*) Mean from all complete days using both positive and negative readings.
.. = Loss of Record.

Mean values for sixty minutes centred at the full hours of Greenwich Mean Time.

April.				May.				June.				Date.
3 h.	9 h.	15 h.	21 h.	3 h.	9 h.	15 h.	21 h.	3 h.	9 h.	15 h.	21 h.	
207	59	..	..	..	..	..	..	79	71	96	67	1
..	78	72	46	..	..	..	..	62	74	76	76	2
138	93	64	71	..	..	..	..	49	..	..	..	3
58	109	91	150	..	..	..	..	..	..	..	..	4
40	89	78	52	..	..	..	..	..	..	..	..	5
72	59	69	20	..	..	..	..	..	68	65	66	6
91	—34	..	..	..	..	..	..	85	60	49	88	7
..	..	..	..	..	..	..	..	50	67	66	61	8
..	..	..	..	..	..	..	..	72	83	86	80	9
..	..	..	..	..	..	..	..	65	41	90	72	10
..	..	96	48	..	..	..	..	65	107	92	68	11
131	64	75	33	..	..	..	..	Z—	79	90	97	12
102	85	102	38	..	..	..	..	110	74	Z+	Z±	13
76	66	100	63	..	..	..	..	136	78	98	136	14
54	61	84	30	..	..	84	27	105	Z±	86	111	15
130	80	199	36	63	65	90	..	84	102	..	..	16
156	53	74	59	..	..	70	50	..	..	..	..	17
161	46	85	53	71	73	97	..	..	..	..	..	18
..	..	..	..	..	..	..	..	..	..	..	..	19
..	..	..	..	..	86	101	77	..	..	63	46	20
..	..	..	..	72	86	..	..	53	119	100	46	21
..	..	..	..	..	..	73	45	61	85	Z±	—7	22
..	..	..	..	77	86	93	63	29	108	Z±	45	23
..	..	..	..	71	..	..	..	56	81	52	..	24
..	..	55	47	..	..	..	..	..	42	56	..	25
86	96	55	13	..	81	68	44	..	..	—127	31	26
49	55	68	44	65	98	96	91	..	58	90	90	27
69	..	70	25	85	..	110	66	63	74	..	..	28
19	49	..	..	72	..	96	67	108	55	87	99	29
..	..	..	..	68	57	69	59	..	55	72	112	30
..	..	..	..	55	52	72	70	29	60	..	..	31
				76	71	86	93					
96	71	84	55	70	75	86	63	72	76	79	77	Mean (*a*)
93	69	90	58	70	74	87	67	72	87	75	75	Mean (*b*)
Mean (*a*) 74; Mean (*b*) 75.				Mean (*a*) 72; Mean (*b*) 73.				Mean (*a*) 76; Mean (*b*) 77.				

October.				November.				December.				Date.
3 h.	9 h.	15 h.	21 h.	3 h.	9 h.	15 h.	21 h.	3 h.	9 h.	15 h.	21 h.	
152	58	72	71	176	86	120	96	146	86	103	154	1
162	44	33	140	152	66	116	180	150	111	168	218	2
144	72	100	..	103	116	144	108	146	62	..	187	3
..	68	77	21	141	88	98	168	78	..	..	..	4
88	60	92	152	115	..	103	187	..	..	..	..	5
192	67	80	71	154	69	94	139	..	..	..	..	6
241	76	..	..	134	76	134	138	168	86	97	226	7
..	98	171	265	114	168	138	131	210	51	95	273	8
160	108	82	175	109	114	133	161	132	70	115	..	9
207	..	..	..	120	138	127	167	..	76	90	132	10
..	255	144	165	142	63	108	120	164	55	226	203	11
156	120	152	196	140	82	107	99	160	51	105	199	12
132	140	100	223	99	50	120	120	148	97	167	187	13
130	138	119	116	97	149	111	..	146	109	171	125	14
112	66	136	172	..	78	111	131	105	74	156	185	15
92	74	114	209	102	90	154	131	119	97	164	148	16
116	84	..	144	82	105	111	138	132	131	139	117	17
112	76	140	152	134	99	111	150	140	83	201	179	18
134	92	124	147	121	91	88	131	97	59	185	144	19
213	104	201	128	67	25	31	78	118	169	145	378	20
144	96	180	146	71	82	90	112	167	448	195	226	21
99	80	..	..	123	90	133	178	195	121	164	175	22
..	136	108	92	134	239	194	190	171	288	144	343	23
..	..	..	..	136	75	247	149	210	223	136	245	24
..	88	68	36	168	359	217	194	185	241	156	261	25
88	88	103	84	170	172	153	149	187	125	206	273	26
84	92	99	48	163	258	..	224	179	179	145	312	27
29	62	Z±	..	190	168	125	112	292	108	175	195	28
178	75	100	184	86	67	..	172	249	111	129	178	29
128	72	78	..	247	84	112	194	327	93	132	179	30
..	67	101	140					321	—66	145	195	31
137	92	113	137	131	114	126	146	173	124	150	209	Mean (*a*)
137	91	111	141	131	108	128	143	182	126	155	213	Mean (*b*)
Mean (*a*) 120; Mean (*b*) 120.				Mean (*a*) 129; Mean (*b*) 127.				Mean (*a*) 164; Mean (*b*) 169.				
12	13	14	15	16	17	18	19	20	21	22	23	Mean of monthly hourly means.
97	94	96	97	95	95	94	97	99	94	93	86	Wet Period May to October.
95	105	113	120	132	154	164	161	153	143	132	129	Dry Period November to April.

Note.—The Potential Gradient is reckoned as positive if the potential increases upwards. For indeterminate potential gradient the following notation is used: Z+, indeterminate, positive value; Z—, indeterminate negative value; Z± indeterminate in magnitude and sign.

(*a*) Mean from all positive readings.

(*b*) Mean from all complete days using both positive and negative readings.

.. — Loss of record.

STATION—COLABA OBSERVATORY, BOMBAY.

Lat. 18° 54′ N *Long.* 72° 49′ E. *Height above M. S. L.* 6 metres.

Lithologic foundation : Trap Rock.

Instruments :—Milne-Shaw seismographs, North-South (N) and East-West (E) components, installed in the underground constant temperature room. Photographic registration.

INSTRUMENTAL CONSTANTS*.

Component.	Steady mass (Kg.)	T. (sec.)	Vm	ε	Paper speed (mm./min.).
N	0·45	12	250	20 : 1	8
E	0·45	12	350	22 : 1	8

TABLE D_2.

Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.	Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.
			H. M. S.	Sec.	μ	Km.					H. M. S.	Sec.	μ	Km.	
1935.								1935.							
Jan. 1	E	ep¹(?)	13 38 46	...	...	13110	Slight. Beginning uncertain.		E	L	57 26	...	...	...	
	E	i	40 17	...	...	...			N	Mn	58 40	7	2	...	
	N	e		...	...	...			E	Mn	7 0 3	7	1	...	
	N,E	ScPcS	45 32	...	...	...	Surface waves poorly developed.		N,E	F	7 18 ...	...	...	...	
	N,E	ScPcPcS	46 50	...	...	...	Deep focus.								
	N,E	S	47 47	...	...	...	Epc : 14°8 S., 175° W. (J. S. A.), Friendly Islands.	Jan. 3	N,E	e	14 36 ...	...	...	...	Tremors. Probably aftershock of the Great Tibetan earthquake.
	N,E	PS	49 35	...	...	...			N,E	f	56 ...	...	...	...	
	N,E	SR_1	55 53	...	...	...		Jan. 3	N	e	17 10 ...	...	...	...	Do.
	N,E	SR_2	14 0 20	...	...	...			E	e	9 ...	...	...	...	
	N,E	F	15 46 ...	...	...	...			N,E	f	27 ...	...	...	...	
	E	F	42 ...	...	...	...		Jan. 3	N,E	e	18 26 ...	...	...	...	Do.
Jan. 2	N,E	eP	22 27 33	...	...	1845	Slight. Probably aftershock of the Great Tibetan shock of Dec. 15, 1934.		N	f	40 ...	...	...	...	
	N,E	eS	30 45	...	...	...			E	f	38 ...	...	...	...	
	N	Mn	35 17	7	4	...		Jan. 4	N,E	eP	8 5 2	...	...	1810	Slight. Aftershock of the Tibetan earthquake of Jan 3.
	E	Mn	35 41	7	3	...			N,E	eS	8 11	...	...	...	
	N	F	23 1 ...	...	...	...			N	Mn	10 44	7	2	...	
	E	F	5 ...	...	...	...			E	Mn	14 23	8	2	...	
									N	F	29 ...	...	...	...	
Jan. 3	N,E	iP	1 54 23	...	...	1880	Great. Epc : 30° N., 87° E., Tibet. O = 1h. 50m. 26s.		E	F	28 ...	...	...	...	
	N,E	PR_2	54 38	...	...	...		Jan. 4	N	e	10 26 45	...	...	...	Feeble. Near.
	N,E	P*	55 15	...	...	...			E	i	30 36	...	...	...	
	N,E	P	56 4	...	...	...			E	F	58 ...	...	...	...	
	N,E	iS	57 38	...	...	...			N	F	11 4 ...	...	...	...	
	N,E	iSR_1	58 8	...	...	...									
	N,E	S*	58 45	...	...	...									
	N,E	S	59 45	...	...	...		Jan. 4	N,E	iP	14 49 39	...	...	4845	Moderate.
	N	Mn	2 2 30	...	258	...	Period uncertain.		N,E	eS	56 15	...	...	...	Epc : 41° N. 29° E., Turkey. Destructive in Marmora Islands.
	1	Mn	1 30 8	270	...	...			N,E	SR_1	59 5	...	...	...	
	N,E	F	4 5 ...	...	...	...									
									N,E	eL	15 3 ...	...	...	...	
Jan. 3	N,E	e	6 33	...	...	...	Tremors.		N	Mn	16 8 38	25	30	...	
	N,E	f	40 ...	...	...	...			E	Mn	16 9 26	16	11	...	
									N	F	17 27 ...	...	...	...	
Jan. 3	N,E	eP	6 53 2	...	...	1810	Beginning near minute break.		E	F	17 25 ...	...	...	...	
	N,E	eS	56 11	...	...	...	Slight. Aftershock of the Great Tibetan earthquake.								
	N,E	SR_1	56 38	...	...	...		Jan. 4	N,E	iP	16 28 14	...	...	4845	Slight. Aftershock of Marmora earthquake.
	N	L	57 22	...	...	...			N,E	iS	34 49	...	...	...	

* Erratum :—Omit the Column " E " from the Tables of Constants of Milne-Shaw Seismograph printed at the top of the Bombay Seismic Data for the years 1923 to 1931.

TABLE D$_2$—*contd.*

Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	Δ	Remarks.	Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	Δ	Remarks.
1935.			H. M. S.	Sec.	μ	Km.		1935.			H. M. S.	Sec.	μ	Km.	
	N,E	L	41 42	...	...	...		Jan. 17	E	i	2 32 42	...	...	...	Slight.
	N	Mn	47 32	23	15	...			E	i	33 20	...	...	...	P lost in shifting.
	E	Mn	48 9	15	6	...			N	Mn	3 1 30	32	13	...	
	N,E	F	Mixed up with the following shock.						E	Mn	0 37	37	16	...	
Jan. 4	N,E	e	Mixed up with the preceding shock.				Feeble.		N,E	F	Mixed up with microseisms.				
	N,E	F	18 10 ...	...	...	...		Jan. 18	E	i	2 12 30	...	...	...	Slight.
Jan. 4	N,E	e	10 9 ...	...	...	...	Tremors.		N,E	F	Masked by microseisms				
	N,E	f	22 ...	...	...	...		Jan. 18	N	e	17 22 39	...	...	...	Feeble. Distant.
Jan. 4	N,E	M	20 2 ...	...	...	...	Feeble seismic activity about the time.		E	f	22 34	...	...	...	
Jan. 4	N,E	e	23 45 ...	...	...	...	Tremors.		E	i	29 42	...	...	...	
	N,E	f	0 11 ...	...	...	...			N	Mn	43 42	...	...	...	
Jan. 5	N,E	e	10 14 35	...	...	...	Feeble shock. Probably aftershock of moderate quake of 4-1-35.		N,E	F	18 14 ...	...	...	...	
	E	f	16 8	...	...	...		Jan. 19	N,E	e	12 55 ...	...	...	...	Tremors.
	N	e	16 18	...	...	...			N,E	f	14 19 ...	...	...	...	
	N,E	i	20 45	...	...	...		Jan. 22	N,E	e	15 7 42	...	...	...	Feeble. Distant.
	N	F	11 11 ...	...	...	...			N	e	16 42	...	...	...	
	E	F	...	...	...	...			E	F	16 3 ...	...	...	...	
									N	F	20 ...	...	...	...	
Jan. 5	E	Mn	16 32 56	...	...	...	Seismic activity.	Jan. 22	N	M	23 48 29	...	...	...	Feeble. Near.
Jan. 6	N,E	iP	7 14 32	...	...	1810	Slight. Aftershock of the great Tibetan Earthquake of 3-1-35.	Jan. 23	N,E	iP	7 37 7	...	...	10155	Great. Epc: 52° N, 170° W (U. S. C. G. S.) Aleutian Islands.
	N,E	S	17 41	...	...	...			N,E	PR_1	40 42	...	...	...	
	N	SR_1	18 6	...	...	...			N	ScPcS	47 30	...	...	...	
	N,E	L	19 ...	...	...	...			N	PS	49 11	...	...	...	
	N	Mn	21 51	7	4	...			N,E	SR_1	54 20	...	...	...	
									N,E	SR_2	58 16	...	...	...	
	E	Mn	22 2	9	5	...			N	eL	8 5 0	...	...	...	
	N	F	45 ...	...	...	...			E	eL	8 4 43	...	...	...	
	E	F	47 ...	...	...	...			N	Mn	22 8	20	66	...	
Jan. 6	N	Mn	11 29 48	...	...	...	Seismic activity.		E	Mn	22 23	17	35	...	
	E	Mn	33 12	...	...	...			N	F	11 40 ...	...	...	...	
Jan. 6	N	Mn	18 6 0	...	...	...	Seismic activity.		E	F	11 20 ...	...	...	...	
	E	Mn	7 0	...	...	...		Jan. 25	N	Mn	15 10 27	...	...	...	Seismic activity.
Jan. 7	N,E	Mn	2 58 30	...	...	...	Feeble. Felt at Dhubri and Gauhati, Assam.	Jan. 27	N,E	e	23 17 0	...	...	...	Feeble. Near.
									N,E	F	27 ...	...	...	...	
Jan. 9	N,E	Mn	4 21 23	...	...	...	Feeble.	Jan. 30	N	e	30 0 57	...	...	...	Feeble. Near
Jan. 10	N	Mn	11 33 25	9	3	...	Feeble.		N	F	1 10	...	...	...	
	E	Mn	34 17	8	2	...			E		Phases masked by microseisms.				
Jan. 11	E	Mn	0 40 28	...	...	...	Seismic activity.	Jan. 31	N,E	e	12 9 ...	...	...	...	Feeble. Near.
									N	f	25 ...	...	...	...	
Jan. 11	N,E	Mn	21 25 9	...	...	...	Seismic activity.		E	f	22 ...	...	...	...	
Jan. 13	N	Mn	20 14 36	...	...	...	Seismic activity. E cannot be tabulated owing to overlapping lines.	Jan. 31	N	e	18 10 0	...	...	...	Slight. Distant.
									E	i	10 0	...	...	...	
									N	Mn	19 1 15	...	...	...	
Jan. 16	N	Mn	4 52 40	...	...	...	Seismic activity.		N	F	19 45 ...	...	...	...	
	E	Mn	52 27	...	...	...			E	F	Masked by microseisms.				
Jan. 16	E	e	6 22 45	...	...	...	Feeble.	Feb. 2	N,E	e	15 38 0	...	...	...	Feeble. Near.

TABLE D$_3$—*contd.*

Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.
			H. M. S.	Sec.	μ	Km.	
1935.							
	N	F	47...	...	...	...	
	E	F	51...	...	...	...	
Feb. 3	E	iP	2 14 33	...	...	1855	Slight. Epc: 35°N, 73°E, Kohistan (N. W. Frontier Province). Felt fairly strongly at Dras, Srinagar, Drosh, Cherat and Peshawar.
	E	iS	17 46	...	...	...	
	E	L	19 0	...	...	...	
	N	F	3 24 ...	...	...	...	
	E	F	18 ...	...	...	...	
Feb. 3	N,E	iP	16 35 42	...	...	2110	Slight.
	N,E	iS	39 16	...	...	...	
	N	Mn	43 7	11	4	...	
	E	Mn	42 58	8	3	...	
	N,E	F	17 45 ...	...	...	...	
Feb. 4	N,E	e	7 55 50	...	...	...	Feeble.
	N,E	e	8 2 10	...	...	...	
	N	Mn	14 15	...	...	...	
	E	Mn	14 37	...	...	...	
	N,E	F	38 ...	...	...	...	
Feb. 4	N	Mn	18 39 30	...	...	...	Seismic activity.
Feb. 4	N	e	21 25 ...	...	...	...	Tremors.
	N	f	47 ...	...	...	...	
Feb. 7	E	P	17 37 46	...	...	5280	Slight. Epc: Luzan District Philippine Islands. Manila M 220 kms
	N,E	iS	44 46	...	...	...	
	N,E	SR_1	47 39	...	...	...	
	N	F	18 33 ...	...	...	...	
	E	F	18 16 ...	...	...	...	
Feb. 9	E	eP	19 28 3	...	...	4955	Slight.
	E	PR_1	29 49	...	...	...	Epc: 24°·2 N., 121° ·6 E., (Taihoku), Formosa Island.
	N,E	iS	34 45	...	...	...	
	N	Mn	46 52	15	12	...	
	E	F	20 17 ...	...	...	...	
	N	F	20 38 ...	...	...	...	
Feb. 10	N	Mn	20 33 40	...	...	...	Seismic activity.
Feb. 19	N,E	e	3 26 ...	...	...	...	Tremors.
	N	f	35 ...	...	...	...	
	E	f	36 ...	...	...	...	
Feb. 19	N	e	20 20 36	...	...	...	Feeble, Distant.
	N	e	20 12	...	...	...	
	N	Mn	49 34	...	...	...	
	N	F	21 12 ...	...	...	...	
Feb. 21	N,E	e	18 50 39	...	...	...	Slight, Distant.
	N,E	Mn	59 15	...	...	...	
	N	F	19 18 ...	...	...	...	
	E	F	23 ...	...	...	...	
Feb. 22	N,E	e	9 14 0	...	...	...	Slight. Distant.
	N	Mn	28 24	13	3	...	

Date.	Compt.	Phase.	G. T. M.	Period.	Amplitude.	△	Remarks.
			H. M. S.	Sec.	μ	Km.	
1935.							
	E	Mn	24 31	11	2	...	
	N	F	47 ...	...	...	...	
	E	F	52 ...	...	...	...	
Feb. 22	N,E	eP	17 18 18	...	...	9235	Great. Epc: 52°N. 175°E. (U. S. C. G. S.) Aleutian Islands.
	N,E	S	28 30	...	...	...	
	N	eL	47 ...	...	...	...	
	N	Mn	53 38	17	139	...	
	N	F	20 58 ...	...	...	...	
Feb. 23	E	e	3 53 ...	...	...	...	Tremors.
	E	f	4 59 ...	...	...	...	N-Movements very feeble.
Feb. 23	N	Mn	21 20 23	...	...	...	Seismic activity E congestion of lines.
Feb. 24	E	e	12 2 ...	...	...	...	Tremors.
	N	e	4 ...	...	...	...	
	N,E	f	31 ...	...	...	...	
Feb. 25	N,E	iP	2 59 40	...	...	4890	Moderate. Epc: 35°·5 N., 24°E. (Strasbourg). Destructive in Crete.
	N,E	iS	3 6 18	...	...	...	
	N	F	4 17 ...	...	...	...	
	E	F	4 34 ...	...	...	...	
Feb. 27	N,E	e	9 18 47	...	...	...	Slight. Distant.
	E	Mn	40 29	23	5	...	
	E	f	10 14 ...	...	...	...	
	N	f	10 27 ...	...	...	...	
Mar. 3	N,E	eP	22 50 24	...	...	2020	Slight.
	N,E	eS	53 51	...	...	...	Epc: 36°N., 81°E., Tibet.
	N,E	L	55 45	...	...	...	
	N	Mn	59 20	8	3	...	
	E	Mn	57 51	7	3	...	
	N	F	23 27 ...	...	...	...	
	E	F	23 14 ...	...	...	...	
Mar. 4	N,E	eP	16 19 27	...	...	1920	Slight.
	N,E	eS	22 46	...	...	...	Epc: Tibet, near previous shock.
	N,E	SR_1(?)	23 26	...	...	...	
	N,E	eL (?)	24 14	...	...	...	
	N	Mn	26 46	8	5	...	
	E	Mn	27 1	8	4	...	
	N	F	51 ...	...	...	...	
	E	F	49 ...	...	...	...	
Mar. 5	N,E	e	3 39 ...	...	...	...	Tremors.
	N	f	46 ...	...	...	...	
	E	f	49 ...	...	...	...	
Mar. 5	N,E	eP	10 31 57	...	...	2665	Slight.
	N,E	eS	36 16	...	...	...	Epc: Probably Russian Turkistan.
	N,E	L	38 50	...	...	...	
	N	Mn	43 12	...	...	...	
	E	Mn	42 8	15	15	...	
	N	F	11 52 ...	...	...	...	
	E	F	56 ...	...	...	...	

TABLE D$_1$—*contd.*

Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.
			H. M. S.	Sec.	μ	Km.	
1935.							
Mar. 5-6	N,E	iP	22 18 57	...	...	1190	Moderate. Epc. : 28°·5 N. 79°E. Rohilkhand (U. P.)
	N,E	S	21 8	...	...	...	
	N,E	SR$_1$	21 31	...	...	...	
	N,E	L	21 52	...	...	...	Felt strongly at Moradabad, Bareilly and Meerut.
	N	Mn	24 3	...	144	...	
	E	Mn	22 48	...	...	...	
	N	F	0 0 ...	...	...	...	0 : 22h. 16m. 20s. G. M. T.
Mar. 7	N	e	7 23 ...	...	...	...	Tremors.
	N	f	8 6 ...	...	...	...	
Mar. 7	N	e	10 44 ...	...	...	...	Tremors.
	N	f	11 26 ...	...	...	...	
Mar. 9	N	e	3 29 ...	...	...	...	Tremors.
	N	f	3 42 ...	...	...	...	
Mar. 11	N,E	e	11 36 ...	...	...	...	Tremors.
	N	f	12 24 ...	...	...	...	
	E	f	12 20 ...	...	...	...	
Mar. 12	N	e	13 38 ...	...	...	...	Feeble. Distant.
	N,E	e	40 33 ...	...	...	...	
	N,E	F	15 9 ...	...	...	...	
Mar. 12	N,E	e	3 22 45	...	...	...	Feeble, Near.
	N,E	e	24 15	...	...	...	
	N	F	45 ...	...	...	...	
	E	F	50 ...	...	...	...	
Mar. 13	N,E	e	19 0 ...	...	...	...	Tremors.
	N,E	f	19 15 ...	...	...	...	
Mar. 14	N,E	e	9 25 ...	...	...	...	Tremors.
	N,E	f	9 45 ...	...	...	...	
Mar. 14	N,E	e	12 27 ...	...	...	...	Tremors.
	N,E	F	15 0 ...	...	...	...	
Mar. 14	E	e	15 52 ...	...	...	...	Tremors.
	N	e	58 ...	...	...	...	
	N	F	17 24 ...	...	...	...	
	E	F	18 0 ...	...	...	...	
Mar. 15	N,E	eP	10 36 50	...	...	1290	Slight. Epc. : Aftershock of Rohilkhand earthquake.
	N,E	eS	39 16	...	...	...	
	N,E	S(?)	40 27	...	...	...	
	N	Mn	42 8 7 8	...	...	...	
	N,E	F	11 5 ...	...	...	...	
Mar. 15	N,E	Mn	12 9 0	...	...	...	Seismic activity.
Mar. 15	N,E	i	12 20 30	...	...	...	Slight, Near.
	N,E	i	24 10	...	...	...	
	N,E	F	50 ...	...	...	...	
Mar. 16	E	iP	8 00 13	...	...	6845	Slight.
	E	iS	8 13	...	...	...	
Mar. 18	N,E	e	8 49 ...	...	...	...	Feeble. Near.
	N,E	e	55 40	...	...	...	
	E	Mn	59 3	...	...	...	
	N,E	F	9 36 ...	...	...	...	
Mar. 18	N	Mn	9 59 21	...	...	...	Seismic activity.
	E	Mn	59 17	...	...	...	
Mar. 20	N,E	Mn	9 3 20	...	...	...	Seismic activity.
Mar. 20	N	Mn	10 14 20	...	...	...	Seismic activity.
	E	Mn	14 32	...	...	...	
Mar. 20	N,E	P	23 10 8	...	...	9680	Slight.
	N,E	S	20 48	...	...	...	Epc. : 4°S. 156°E., Solomon Islands.
	N,E	eL	39 ...	...	...	...	
	E	Mn	47 25	22	10	...	
	N,E	F	Mixed up with the following				shock.
Mar. 21	N,E	iP	00 7 51	...	...	1665	Slight. Epc. : 24°N., 88°·8E., Bengal.
	N,E	iS	10 45	...	...	...	
	N,E	SR$_1$	11 14	...	...	...	
	N,E	iL	11 44	...	...	...	Felt strongly at Berhampur.
	N	Mn	13 28 ·5	36	...	...	
	E	Mn	13 6	...	17	...	0 : 0h. 4m. 18s. G. M. T.
	N,E	F	1 49 ...	...	...	...	Calcutta △ = 160 kms.
Mar. 21	N	Mn	8 30 28	...	...	...	Seismic activity.
	E	Mn	8 27 19	...	...	...	
Mar. 22	N	e	23 25 ...	...	...	...	Tremors.
	E	f	32 ...	...	...	...	
Mar. 24	N,E	e	0 4 0	...	...	...	Feeble. Near.
	N,E	F	21 ...	...	...	...	
Mar. 27	E	Mn	3 9 30	...	...	...	Seismic activity.
Mar. 27	N,E	e	14 46 ...	...	...	...	Tremors.
	N	F	15 16 ...	...	...	...	
	E	F	15 17 ...	...	...	...	
Mar. 28.	N,E	P	23 56 26	...	...	5200	Slight.
	N,E	PR$_1$	58 15	...	...	...	
	N	eS	0 3 23	...	...	...	
	E	iS	3 20	...	...	...	
	E	SR$_1$	6 25	...	...	...	
	N	F	33 ...	...	...	...	
Mar. 29	N,E	eP^1	12 42 54	...	...	13145	Slight.
	N,E	PR$_1$	44 6	...	...	...	Epc. : Probably New Zealand.
	N,E	ScPcS	49 54	...	...	...	
	N,E	S	51 54	...	...	...	
	N,E	PS	53 54	...	...	...	
	N,E	PPS	55 9	...	...	...	

TABLE D_2—*contd.*

Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	Δ	Remarks.
			H. M. S.	Sec.	μ	Km.	
1935.							
	N	Mn	13 35 20	15	7	...	
	E	Mn	35 18	16	8	...	
	N	F	15 13 ...	...	...	...	
	E	F	25 ...	...	...	...	
Mar. 30	N	Mn	3 19 30	...	...	...	Seismic activity.
	E	Mn	19 34	...	...	...	
Mar. 30	N	eP	21 30 0	...	...	6755	Slight. Epc : probably Japan.
	E	iP	30 3	...	...	...	
	N	S	38 24	...	...	...	
	E	iS	38 27	...	...	...	
	N	PS	38 48	...	...	...	
	N,E	SR_1	43 2	...	...	...	
	N,E	SR_2	45 33	...	...	...	
	N	eL	50 ...	...	...	...	
	E	eL	51 ...	...	...	...	
	N	Mn	59 8	15	6	...	
	E	Mn	22 1 33	...	...	...	
	N,E	F	22 7 ...	...	...	...	
Mar. 31	N,E	e	3 32 ...	...	...	...	Tremors.
	N,E	f	4 26 ...	...	...	...	
Apr. 1	E	e	2 41 ...	...	...	...	Feeble. Distant.
	N,E	e	45 00	...	...	...	
	E	Mn	3 28 30	...	...	...	
	E	F	4 1 ...	...	...	...	
	N	F	8 ...	...	...	...	
Apr. 3	N,E	e	6 59 27	...	...	...	Feeble. Near.
	N,E	f	7 1 31	...	...	...	
	N,E	L	4 ...	...	...	...	
	N	Mn	8 24	15	2	...	
	E	Mn	11 7	15	3	...	
	N	F	8 10 ...	...	...	...	
	E	F	7 55 ...	...	...	...	
Apr. 3	N	Mn	10 9 5	...	...	...	Seismic activity.
	E	Mn	8 21	...	...	...	
Apr. 3	N,E	iP	11 15 53	...	...	1835	Slight. Epc : 34° ·5 N. 73°E. North West Frontier Province along western border of Kashmir. Felt strongly at Srinagar, Peshawar and Drosh. O: 11h. 12m. 5s. G. M. T.
	N,E	PR_1	16 7	...	...	...	
	N,E	iS	19 4	...	...	...	
	N,E	SR_2	19 31	...	...	...	
	N,E	L	20 19	...	...	...	
	N	Mn	21 16	7	6	...	
	E	Mn	21 42	7	6	...	
	N	F	12 11 ...	...	...	...	
	E	F	12 13 ...	...	...	...	
Apr. 3	N	Mn	12 59 0	...	...	...	Seismic activity.
	E	Mn	59 11	...	...	...	
Apr. 5	N,E	Mn	4 5 20	...	...	...	Seismic activity.

Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	▽	Remarks.
			H. M. S.	Sec.	μ	Km.	
1935.							
Apr. 9	N,E	e	20 11 ...	...	...	...	Tremors.
	N,E	f	30 ...	...	...	...	
Apr. 10	N,E	e	12 25 34	...	...	...	Slight
	N	Mn	38 30	...	...	...	
	E	Mn	40 16	...	...	...	
	N,E	F	18 23 ...	...	...	...	
Apr. 11	E	e	19 43 19	...	...	...	
	N,E	e	47 14	...	...	...	
	N,E	f	20 14 ...	...	...	...	
Apr. 11	N,E	eP	1 23 2	...	...	2535	Slight.
	N,E	PR_2	23 36	...	...	...	Epc : 14° N. 96° E. Gulf of Martaban O : 1h. 17m. 56s. G. M. T.
	N,E	iS	27 11	...	...	...	
	N,E	SR_2	28 5	...	...	...	
	N	L	29 ...	...	...	...	Maximum movements lost in shifting.
	N,E	F	3 2 ...	...	...	...	
Apr. 11	N,E	e	4 34 ...	...	...	...	Slight. Near.
	N,E	e	39 ...	...	...	...	
	N,E	f	57 ...	...	...	...	
Apr. 11	N,E	iP	23 20 4	...	...	2900	Moderate. Epc: 37° N, 53° E, Destructive in Mazanderan district, Iran.
	N,E	PR_1	20 40	...	...	...	
	N,E	iS	24 40	...	...	...	
	N,E	SR_1	25 40	...	...	...	
	N,E	L	27 13	...	...	...	
	N	Mn	32 52	11	46	...	O : 23h. 14m. 30s G. M. T.
	E	Mn	31 0	12	43	...	
	N,E	F	Masked by the following shock.				
Apr. 12	N,E	iP	1 11 57	...	...	2900	Slight.
	N,E	iS	16 33	...	...	...	Aftershock of the Iran earthquake.
	E	SR_1	17 42	...	...	...	
	E	L	3 19 16	...	...	...	
	N	Mn	24 40	9	5	...	
	N	F	2 0 ...	...	...	...	
	E	F	Lost in shifting.				
Apr. 12	N,E	iP	12 49 54	...	...	2855	Slight. Aftershock of the Iran earthquake.
	E	PR_1	50 27	...	...	...	
	N,E	eS	54 27	...	...	...	
	N,E	SR_1	55 33	...	...	...	
	N	Mn	13 2 26	10	5	...	
	E	Mn	2 26	15	7	...	
	N,E	F	45 ...	...	...	...	
Apr. 12	N,E	iP	22 37 14	...	...	2845	Slight. Aftershock of the Iran earthquake.
	E	PR_1	37 48	...	...	...	
	N,E	iS	41 46	...	...	...	
	N,E	L	44 ...	...	...	...	
	N	Mn	49 56	...	...	...	
	E	Mn	50 20	11	6	...	
	N,E	F	23 17 ...	...	...	...	

TABLE D_2—*contd.*

Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	Δ	Remarks.
			H. M. S.	Sec.	μ	Km.	
1935.							
Apr. 13	N,E	i	2 34 35	...	...	...	Feeble. Distant.
	N,E	e	40 0	...	...	...	
	N	Mn	47 53	...	...	...	
	E	Mn	47 52	...	...	...	
	N,E	F	3 5 ...	...	...	...	
Apr. 15	N	Mn	23 25 42	...	...		Seismic activity.
	E	Mn	23 16 ...	...	...	...	
Apr. 16	N,E	e	0 47 ...	...	...	...	Feeble. Near.
	N,E	F	1 4 ...	...	...	...	
Apr. 18	N,E	e	15 8 ...	...	...	...	Feeble. Near.
	N	Mn	12 4	...	...	...	
	E	Mn	11 50	...	...	...	
	N	F	26 ...	...	...	...	
	E	F	25 ...	...	...	...	
Apr. 19	N,E	iP	15 32 41	...	...	5780	Great. Epc : 32° N, 17° E, Mediterranean Sea off coast of Tripoli O : 15h. 23m. 33s. G. M. T.
	N,E	PR_1	34 37	...	...	...	
	N,E	PR_1	35 28	...	...	...	
	N,E	iS	40 9	...	...	...	
	N,E	PS	40 43	...	...	...	
	N,E	SR_2	43 36	...	...	...	
	N,E	SR_2	45 4	...	...	...	
	N,E	L	48 30	...	...	...	
	N	Mn	58 17	15	132	...	
	E	Mn	57 32	18	151	...	
	N	F	19 15 ...	...	...	...	
	E	F	19 20 ...	...	...	...	
Apr. 19	N,E	i	20 48 30	...	...	...	Slight. Distant.
	N	Mn	21 4 16	18	4	...	
	E	Mn	5 40	15	5	...	
	N,E	F	22 1 ...	...	...	...	
Apr. 20	N,E	iP	5 20 10	...	...	5755	Slight. Epc : Aftershock of Mediterranean sea Earthquake.
	N	PR_1	23 0	...	...	...	
	N,E	iS	27 37	...	...	...	
	N,E	L	35 ...	...	...	...	
	N	Mn	47 56	15	12	...	
	E	Mn	44 41	19	20	...	
	N,E	F	7 28 ...	...	...	...	
Apr. 20	N,E	iP	22 10 15	...	...	5055	Great. Epc : 24° N, 121° E, Destructive in Formosa Island. O : 22h. 1m. 56s. G. M. T.
	E	PR_1	11 53	...	...	...	
	E	PR_2	12 36	...	...	...	
	N,E	eS	16 45	...	...	...	
	E	SR_1	20 2	...	...	...	
	N,E	SR_2	21 11	...	...	...	
	N,E	eL	23 ...	...	...	...	
	N	Mn	28 7	15	100	...	

Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	Δ	Remarks.
			H. M. S.	Sec.	μ	Km.	
1935.							
	E	Mn	30 45	13	83	...	
	N	F	0 53 ...	...	...	...	
Apr. 21	E	eP	7 34 30	...	...	5065	Slight. Aftershock.
	N,E	iS	41 18	...	...	...	
	N,E	SR_2	44 18	...	...	...	
	N,E	L	48 28	...	...	...	
	N	Mn	55 19	...	...	...	
	E	Mn	54 41	...	...	...	
	N,E	F	9 8 ...	...	...	...	
Apr. 21	N	Mn	19 40 30	...	...	...	Seismic activity.
Apr. 22	N,E	e	13 24 ...	...	...	...	Tremors.
	N,E	f	37 ...	...	...	...	
Apr. 23	N,E	iP	16 50 16	...	...	2180	Moderate. Epc : 26° 5N., 92° E., Assam. Felt strongly at Shillong, Mymensingh and Dhubri. O : 16h. 45m. 47s. G. M. T.
	N,E	PR_1	50 38	...	...	...	
	N,E	iS	53 56	...	...	...	
	N,E	i	54 11	...	...	...	
	N,E	SR_1	54 38	...	...	...	
	N	F	17 53 ...	...	...	...	
	E	F	17 36 ...	...	...	...	
Apr. 24	N	iP	15 56 45	...	...	2165	Slight. Epc : 0° ·5 N, 75° E., Southeast of Maldive Islands. O : 15h. 52m. 18s.
	N	iS	16 0 24	...	...	...	
	N	L	1 54	...	...	...	
	N	Mn	4 31	15	22	...	
Apr. 24	N	Mn	18 1 16	...	8	2	Feeble. Near.
	E	Mn	1 16	...	7	3	
	N,E	F	21 ...	...	...	...	
Apr. 24	N	Mn	20 16 30	...	...	...	Seismic activity.
	E	Mn	19 37	...	...	...	
Apr. 26	E	Mn	8 45 30	...	...	...	Seismic activity.
Apr. 27	N,E	e	17 46 ...	...	...	...	Tremors.
	N,E	f	54 ...	...	...	...	
Apr. 29	N,E	e	11 57 ...	...	...	...	Tremors.
	N,E	f	12 23 ...	...	...	...	
May 1	E	e	4 32 ...	...	...	...	Tremors.
		f	44 ...	...	...	...	
May 1	N,E	eP	10 31 25	...	...	3565	Slight. Epc : 38° N., 48° E. (Strasbourg) Kurdistan.
	E	PR_1	32 23	...	...	...	
	N,E	iS	36 45	...	...	...	
	N,E	L	41 20	...	...	...	
	N	Mn	47 35	16	6	...	
	E	Mn	46 36	15	10	...	
	N	F	12 13 ...	...	...	...	
	E	F	12 27 ...	...	...	...	
May 1	N,E	e	14 14 ...	...	...	...	Tremors.
	N,E	f	39 ...	...	...	...	

TABLE D_2—*contd.*

Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.
			H. M. S.	Sec.	μ	Km.	
1935.							
May 4	N	e	23 17 27	...	...	...	Slight. Near.
	N	Mn	29 49	...	...	...	
	N	F	0 6 ...	...	...	...	
May 7	N,E	eP	6 4 45	...	...	5800	Slight. Epc: 7° N., 125° E., Mindana Island. O : 5h. 55m. 35s. G. M. T.
	E	S	12 15	...	...	...	
	E	Mn	26 37	...	...	...	
	N,E	F	7 27 ...	...	...	...	
May 10	N,E	e	17 9 45	...	...	...	Slight. Near.
	N,E	i	15 15	...	...	...	
	N	Mn	23 16	...	...	...	
	E	Mn	24 41	...	...	...	
	N,E	F	18 1 ...	...	...	...	
May 12	N,E	eP	5 24 30	...	...	1980	Slight. Epc: 36°·5 N., 72°·5 E. Northwest Frontier Province. Felt at Drosh. O : 5h. 20m. 25s. G. M. T.
	N,E	eS	27 54	...	...	...	
	N,E	L	30 0	...	...	...	
	N	Mn	31 51	8	4	...	
	E	Mn	32 15	...	...	...	
	N	F	6 0 ...	...	...	...	
	E	F	6 5 ...	...	...	...	
May 12	N,E	e	20 8 ...	...	...	...	Feeble. Distant.
	E	M	38 16	...	...	...	
	E	F	21 16 ...	...	...	...	
May 13	N	Mn	2 25 30	...	...	...	Seismic activity.
	E	Mn	24 15	...	...	...	
May 13	E	iP	19 59 21	...	...	2900	Slight. Epc: 22° N., 101° E., O : 19h. 53m. 45s. G. M. T.
	N,E	iS	20 3 57	...	...	...	
	N,E	SR_1	5 8	...	...	...	
	N	Mn	12 7	...	...	...	
	E	Mn	13 46	9	14	...	
	N	F	22 0 ...	...	...	...	
	E	F	22 7 ...	...	...	...	
May 13	N	Mn	23 39 32	...	...	...	Seismic activity.
	E	Mn	37 24	...	...	...	
May 14	N,E	e	19 8 0	...	...	...	Tremors.
	N,E	F	25 0	...	...	...	
May 14	N,E	eP	23 37 36	...	...	12355	Moderate. Epc 58° S., 25° W., (J.S.A.). South Sandwich Islands.
	N,E	ePR_1	42 6	...	...	...	
	N,E	ScPcS	48 0	...	...	...	
	N,E	ScPcPcS	49 0	...	...	...	
	E	S	49 45	...	...	...	
	N,E	iPS	51 36	...	...	...	
	N,E	SR_1	58 6	...	...	...	
	N	Mn	0 25 44	19	4	...	
	E	Mn	0 25 37	19	8	...	
	N,E	F	Mixed up with the next shock.				

Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.
			H. M. S.	Sec.	μ	Km.	
1935.							
May 15	N,E	P	2 4 7	...	...	1033	Moderate. Epc : 28° N, 68°·5 E, Upper Sind. O : 2h. 1m. 45s. G. M. T.
	N,E	$\overline{P}$	5 3	...	...	...	
	N,E	S	5 57	...	...	...	
	N,E	S•	6 27	...	...	...	
	N	Mn	11 12	7	49	...	
	E	Mn	8 53	6	52	...	
	E	F	3 48 0	...	...	...	
May 16	N	eP	17 28 33	...	...	2055	Slight. Epc: 37° N. 71° E, North Afghanistan. O: 17h. 24m. 25s. G. M. T.
	N	PR_1	28 52	...	...	...	
	N,E	S	32 3	...	...	...	
	N	L	33 38	...	...	...	
	E	L	33 30	...	...	...	
	N	Mn	37 0	7	4	...	
	E	Mn	37 26	10	5	...	
	N,E	F	18 9 ...	...	...	...	
May 16	N	e	21 4 ...	...	...	...	Feeble. Very distant.
	N	Mn	22 0 26	...	...	...	
	E	Mn	0 32	...	...	...	
	N,E	F	23 1 ...	...	...	...	
May 20	N,E	e	5 31 0	...	...	...	Feeble. Distant.
	N,E	e	38 44	...	...	...	
	E	Mn	6 0 23	...	...	...	
	N,E	F	6 36 ...	...	...	...	
May 21	N,E	P	4 26 33	...	...	1745	Slight. Epc: 27°·5N., 87° E. east Nepal. O : 4h. 22m. 52s. G. M. T.
	N, E	i	26 58	...	...	...	
	N,E	S	29 36	...	...	...	
	N,E	SR_1	30 2	...	...	...	
	N,E	L	30 43	...	...	...	
	N	Mn	32 14	7	17	...	
	E	Mn	32 4	7	8	...	
	N,E	F	57 ...	...	...	...	
May 21	N,E	e	7 3 32	...	...	...	Feeble. Distant.
	N,E	i	13 12	...	...	...	
	N	F	8 39 ...	...	...	...	
	E	F	8 27 ...	...	...	...	
May 21	N,E	e	13 27 32	...	...	...	Seismic activity.
May 24	N, E	iP	5 45 35	...	...	5665	Moderate. Epc : 12° N. 125° E. North of Samar Island (Philippines) (J. S. A.)
	E	PR_1	47 34	...	...	...	
	N,E	iS	52 57	...	...	...	
	N,E	PS	53 22	...	...	...	
	N,E	L	6 1 0	...	...	...	
	N	Mn	15 0	15	18	...	
	E	Mn	12 13	15	23	...	
	N	F	9 8 ...	...	...	...	
	E	F	9 16 ...	...	...	...	
May 25	N	eP	10 17 5	...	...	6565	Slight.
	E	iP					
	N,E	iS	24 27	...	...	...	Aftershock of the previous Philippine Earthquake.
	E	PS	24 58	...	...	...	

TABLE D_2—*contd.*

Date.	Compn.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.	Date.	Compn.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.
			H. M. S.	Sec.	μ	Km.					H. M. S.	Sec.	μ	Km.	
1935.								1935.							
	N,E	L	33 30	...	...	...		June 1	N,E	e	12 28 ...	...	...	...	Tremors.
	N	Mn	41 30	...	...	...			N,E	f	41 ...	...	...	...	
	E	Mn	42 28	...	...	...									
	N	F	1 31 ...	...	...	...		June 1	N,E	i	12 49 3	...	...	...	Seismic activity.
	E	F	1 38 ...	...	...	...									
								June 2	N,E	iP	9 19 26	...	...	1235	Moderate. Aftershock of the Great Quetta Earthquake.
May 26	N,E	iP	22 13 02	...	...	5445	Slight. Aftershock of the Philippine Earthquake.		N,E	iS	21 41	...	...	...	
	N,E	iS	20 17	...	...	...			N,E	SR_1	22 4	...	...	...	
	N	SR_1	23 47	...	...	...			N,E	L	22 26	...	...	...	
	E	Mn	37 37	...	...	...			N	Mn	24 10	7	37	...	
	N,E	F	23 40 ...	...	...	...			E	Mn	24 4	5	33	...	
									N,E	F	11 7 ...	...	...	...	
May 27	N,E	e	3 37 ...	...	...	...	Feeble. Distant.	June 9	E	Mn	7 9 35	...	...	...	Seismic activity.
	N	Mn	4 23 25	...	...	...									
	E	Mn	23 23	...	...	...		June 18	N,E	Mn	16 58 57	...	...	...	Seismic activity.
	N,E	F	5 10 ...	...	...	...									
								June 18	E	iP	22 36 46	...	...	5520	Slight. Epc : Philippine Islands.
May 28	E	Mn	17 44 30	...	...	...	Seismic activity.		N,E	iS	44 0	...	...	...	
	N	Mn	44 50	...	...	...			E	PS	44 38	...	...	...	
									E	Mn	23 2 53	...	...	...	
May 29	N,E	e	20 1 ...	...	...	...	Feeble.		N,E	F	Mixed up with microseisms.				
	N	f	34 ...	...	...	...									
	E	f	36 ...	...	...	...		June 22	E	iP	15 57 52	...	...	5720	Slight.
									E	PR_1	16 0 3	...	...	...	N—disturbed by insects.
May 30	N,E	iP	21 35 33	...	...	1310	Great Epc: Baluchistan.		E	iS	5 15	...	...	...	
	N,E	iS	37 55	...	...	...			E	L	14 ...	...	...	...	
	N,E	S R	38 17	...	...	...			E	Mn	20 40	15	8	...	
	N,E	L	38 39	...	...	...			E	F	17 18 ...	...	...	...	
	N,E	Mn	?	...	400	...									
								June 23	E	e	7 29 ...	...	...	...	Tremors.
May 31	N,E	eP	2 6 2	...	...	1335	Slight. Aftershock of the Great Quetta shock.		E	f	36 ...	...	...	...	
	N,E	eS	8 26	...	...	...									
	N	Mn	13 23	9	18	...		June 24-25	N,E	iP	23 36 46	...	...	11220	Moderate. L-waves very poor (Deep-focus). Epc: 19° S., 168·5 E. (J. S. A.), new Hebrides.
	E	Mn	11 23	10	15	...			N,E	ScPcS	... 47 12	...	...	...	
	N,E	F	56 ...	...	...	...			E	PS	... 49 46	...	...	...	
May 31	N,E	i	8 27 32	...	...	...	Feeble. Distant.		N,E	PPS	50 36	...	...	...	
	N,E	e	31 3	...	...	...			N,E	SR_1	55 30	...	...	...	
	N,E	i	34 41	...	...	...			N,E	F	Masked by microseisms.				
	N,E	F	Masked by microseisms.												
								June 25	N,E	eP	12 44 51	...	...	7170	Slight.
May 31	N,E	i	13 26 52	...	...	...	Feeble.		N,E	S	53 37	...	...	...	
	N,E	F	58 ...	...	...	...			N	Mn	13 16 40	11	5	...	
									E	Mn	12 21	15	8	...	
May 31	N	eP	17 15 13	...	...	1480	Slight. Aftershock of the Great Quetta shock.		N,E	F	58 ...	...	...	...	
	N	S	17 51	...	...	...									
	N	SR_1	18 14	...	...	...		June 28	E	Mn	3 20 34	...	...	...	Seismic activity.
	N	L	18 36	...	...	...									
	N	Mn	23 4	...	...	...		June 29	E	PR_1	7 8 27	...	...	15560	Slight.
	N	F	53 ...	...	...	...			N,E	PR_2	11 33	...	...	...	△(PR_1-PR_2) = 139·5° of arc. Epc: 18° 2N. 103·3°W (J. S. A.).
June 1	N,E	eP	4 33 1	...	...	1180	Slight. Aftershock of the Great Quetta shock.		N,E	eL(?)	53 ...	...	...	...	
	N,E	eS	35 11	...	...	...			N	Mn	8 19 47	18	10	...	
	N,E	L	35 38	...	...	...			E	Mn	20 34	17	9	...	
									N,E	F	Masked by microseisms.				
	N	Mn	39 46	7	8	...									
	E	Mn	37 43	6	8	...		June 30	N,E	e	8 11 ...	...	...	...	Feeble.
	N,E	F	5 13 ...	...	...	...			N,E	F	27 ...	...	...	...	

TABLE II D$_3$—*contd.*

Date.	Compt.	Phase.	G. T. M.	Period.	Amplitude.	Δ	Remarks.
			H. M. S.	Sec.	μ	Km.	
1935.							
June 30	N,E	i	9 54 12	...	...	...	Seismic activity.
July 2	E	Mn	15 40 30	...	...	...	Seismic activity.
July 4	N,E	e	2 57 ...	...	...	...	Seismic activity. Near.
	N,E	f	Masked by microseisms.				
July 5	N,E	P	17 57 31	...	...	2200	Epc: Palmir Plateau. Felt at Srinagar.
	N,E	iS	18 1 13	...	...	...	
	N,E	SR_1	1 59	...	...	...	
	N,E	L	2 43	...	...	...	
	N	Mn	6 42	10	21	...	
	E	Mn	7 4	18	17	...	
	N,E	F	Masked by microseisms.				
July 7	E	P	13 31 28	...	...	4835	Slight. Epc: 18° 20′ N., 120° 10′ E. (Manila), near Luzon in Philippine Islands.
	N,E	S	38 3	...	...	...	
	N,E	eL	44 42	...	...	...	
	N	Mn	55 42	13	5	...	
	E	Mn	58 57	15	8	...	
	N,E	F	Masked by microseisms.				
July 9	E	Mn	13 49 39	...	...	...	Feeble. Very distant.
July 10	N	i	20 33 45	...	...	...	Feeble.
	N,E	i	37 11	...	...	...	
	N	Mn	40 12	7	3	...	
	E	Mn	40 7	11	6	...	
	N,E	F	Masked by microseisms.				
July 11	N,E	e	9 1 0	...	...	...	Seismic activity.
July 12	E	Mn	1 58 24	...	...	...	Slight.
July 12	E	e	21 12 ...	...	...	...	Tremors.
	E	f	31 ...	...	...	...	
July 13	E	e	0 59 ...	...	...	...	Tremors.
	E	f	1 26 ...	...	...	...	
July 15	E	Mn	18 54 13	...	...	...	Seismic activity.
July 16	N,E	iP	16 27 15	...	...	4950	Slight. Epc: 24°4· N., 120·4 E. (Taihoku). Near Formosa Island.
	E	PR_3	29 2	...	...	...	
	N,E	iS	33 57	...	...	...	
	N,E	SR_1	37 0	...	...	...	
	N,E	SR_2	38 23	...	...	...	
	N,E	L	42 ...	...	...	...	
	N	Mn	46 1	15	25	...	
	E	Mn	49 37	9	8	...	
	N	F	17 38 ...	...	...	...	
	E	F	43 ...	...	...	...	
July 17	E	e	5 18 ...	...	...	...	Tremors.
		f	48 ...	...	...	...	
July 17	N,E	e	11 11 21	...	...	...	Slight. Distant.
	N,E	i	14 45	...	...	...	
	N	i	15 13	...	...	...	
	N	Mn	45 43	15	3	...	
	E	Mn	48 35	15	5	...	
	N	P	12 58 ...	...	...	...	
	E	F	13 2 ...	...	...	...	

Date	Compt.	Phase.	G. T. M.	Period.	Amplitude.	Δ	Remarks.
			H. M. S.	Sec.	μ	Km.	
1935.							
July 18	N,E	e	2 24 ...	...	...	...	Tremors.
	N,E	f	30 ...	...	...	...	
July 19	E	iP	1 00 14	...	...	6710	Moderate. Epc: Kasimanada, Japan (Manila).
	E	iS	8 35	...	...	...	
	E	PS	9 0	...	...	...	
	E	SR_1	12 49	...	...	...	
	E	L	19 00	...	...	...	
	E	Mn	28 41	...	...	...	
	E	F	2 55 ...	...	...	...	
July 19	E	Mn	3 26 36	...	...	...	Seismic activity.
July 20	N,E	iP	7 41 45	...	...	220	Slight.
	N,E	S*	42 12	...	...	...	Epc: Probably near Papti Valley. Felt at Surat, Baroda, Kapadvanj (Kaira Dist.) and Bombay.
	N,E	S	42 22	...	...	...	
	N	F	Masked by microseisms.				
	E	F	52 ...	...	...	...	
July 22	N,E	e	19 30 ...	...	...	...	Tremors.
	N,E	f	37 ...	...	...	...	
July 23	N,E	iP	4 00 8	...	...	2335	Slight. L-waves poor.
	N,E	iS	4 0	...	...	...	
	N,E	SR_1	5 0	...	...	...	
	N,E	eL	6 ...	...	...	...	
	E	Mn	7 15	11	7	...	
	N,E	F	Masked by microseisms.				
July 26	N,E	e	9 21 ...	...	...	...	Feeble. Near.
	N,E	e	25 ...	...	...	...	
	N,E	f	45 ...	...	...	...	
July 26	N,E	e	10 40 ...	...	...	...	Slight. Near.
	N,E	i	43 9	...	...	...	
	N	Mn	48 23	12	38	...	
	E	Mn	49 14	15	28	...	
	E	F	11 54 ...	...	...	...	
	N	F	36 ...	...	...	...	
July 27	N	e	12 18 ...	...	...	...	Feeble. Near.
	N	e	21 35	...	...	...	
	E	i	21 35	...	...	...	
	N,E	F	39 ...	...	...	...	
July 28	N,E	i	5 27 59	...	...	...	Slight. Felt at Srinagar, Drosh, Gulmarg.
	N,E	i	31 16	...	...	...	
	N,E	F	57 ...	...	...	...	
July 29	N,E	i	4 32 15	...	...	...	Feeble. Near.
	N,E	i	33 8	...	...	...	
	N,E	i	33 40	...	...	...	
July 29	N,E	eP^1	7 52 59	...	...	14020	Moderate. Epc: Near 22°·9 S., 178°·2 W (J. S. A.).
	N,E	ScPcs	59 59	...	...	...	
	E	ScPcPcS	8 1 22	...	...	...	
	N,E	S	2 50	...	...	...	

TABLE D_2—*cont d.*

Date.	Compt.	Phase.	G.M.T.	Period.	Amplitude.	△	Remarks.
			H. M. S.	Sec.	μ	Km.	
1935.							
	N,E	PS	4 44	...	...	...	
	N,E	PPS	6 18	...	...	...	
	E	Mn	49 47	19	14	...	
	N	F	10 13 ...	...	...	...	
	E	F	20 ...	...	...	...	
July 29	N,E	eP	23 21 40	...	...	2110	Slight. Felt at Srinagar.
	N,E	eS	25 14	...	...	...	
	N,E	L	26 43	...	...	...	
	N	Mn	29 10	7	4	...	
	E	Mn	28 18	11	7	...	
	N,E	F	23 35 ...	...	...	...	
July 30	N,E	e	0 11 ...	...	...	...	Tremors.
	N,E	f	32 ...	...	...	...	
July 30	N,E	e	5 55 ...	...	...	...	Slight. Distant.
	N	Mn	6 14 45	...	...	...	
	E	Mn	14 30 ...	...	...	...	
	N,E	F	Masked by microseisms.				
July 31	E	e	10 7 ...	...	...	...	Seismic activity.
	N	Mn	11 30 ...	...	...	...	
Aug. 1	E	e	14 12 ...	...	...	...	Slight. Distant.
	N,E	i	23 13 ...	...	...	...	
	E	Mn	40 19 ...	...	...	...	
	N,E	F	15 33 ...	...	...	...	
Aug. 1	E	Mn	17 55 28	...	...	...	Seismic activity.
Aug. 3	N,E	iP	1 15 49	...	...	2955	Great. Epc: 5°·5 N., 96°·5 E off North Sumatra. O: 1h. 10m. 6s. G.M.T.
	N,E	PR_1	16 25	...	...	...	
	N,E	S	20 29	...	...	...	
	N,E	SR_1	21 42	...	...	...	
	N	L	23 18	...	...	...	
	E	L	23 10	...	...	...	
	N	Mn	32 13	15	253	...	
	E	Mn	27 25	15	> 378 N	...	
	N	F	4 53 ...	...	...	...	
	E	F	4 45 ...	...	...	...	
Aug. 3	E	Mn	12 19 13	...	...	...	Seismic activity.
Aug. 3	E	e	13 30 ...	...	...	...	Feeble. Near.
	N	i	34 47	...	...	...	
	N,E	F	54	...	...	...	
Aug. 6	E	Mn	1 10 25	...	...	...	Seismic activity.
Aug. 11	N,E	e	9 6 ...	...	...	...	Tremors.
	N,E	f	20 ...	...	...	...	
Aug. 17	N	eP	1 58 29	...	...	11780	E= Beg. lost in shifting. Moderate.
	N	PR_1	2 2 55	...	...	...	
	N	ScPcS	9 12	...	...	...	
	N,E	ScPcPcS	10 7	...	...	...	
	N,E	PS	12 18	...	...	...	Epc: 20°S., 171°·5 E., (J. S. A.). Near New Hebrides.
	N,E	SR_1	17 55	...	...	...	

Date.	Compt.	Phase.	G.M.T.	Period.	Amplitude.	∠	Remarks.
			H. M. S.	Sec.	μ	Km.	
1935.							
	N,E	L	33 ...	...	...	...	
Aug. 17	N	Mn	49 7	23	15	...	
	E	Mn	46 37	23	27	...	
	N	F	4 24 ...	...	...	...	
	E	F	5 0 ...	...	...	...	
Aug. 23	N,E	e	01 0 ...	...	...	1890	Feeble tremors felt at Delhi.
	N,E	f	06 ...	...	...	...	
Aug. 23	N,E	eP	14 4 58	...	...	3935	Moderate. Epc: South Sumatra (Batavia).
	N,E	PR_1	6 37	...	...	...	
	N,E	S	10 41	...	...	...	
	N,E	SR_1	13 21	...	...	...	
	N,E	L	16 ...	...	...	...	
	N	Mn	20 43	23	30	...	
	E	Mn	21 5	15	15	...	
	N,E	F	16 13 ...	...	...	...	
Aug. 25	N,E	e	5 18 ...	...	...	...	Feeble. Distant.
	N	Mn	55 34	15	3	...	
	E	Mn	55 14	15	4	...	
	N,E	F	6 34 ...	...	...	...	
Aug. 26	N,E	i	12 26 39	...	...	...	Seismic activity.
Aug. 26	N	Mn	17 0 31	...	...	...	Seismic activity.
	E	Mn	17 3 23	...	...	...	
Aug. 27	N,E	e	5 48 ...	...	...	...	Tremors.
	N,E	f	6 7 ...	...	...	...	
Aug. 31	N,E	e	17 45 ...	...	...	...	Feeble. Distant.
	N,E	Mn	18 24 27	...	...	...	
	N,E	F	Masked by microseisms.				
Sept. 4	N,E	iP	1 46 00	...	...	4955	Moderate. Epc: 22° 30′ N., 121° 30′ E., (Taihoku) off Formosa Island.
	N,E	iPR_1	48 3	...	...	...	
	N,E	iS	52 42	...	...	...	
	N,E	L	59 18	...	...	...	
	N	Mn	2 4 59	19	51	...	
	E	Mn	7 58	19	53	...	
	N,E	F	Mixed up with the following shock.				
Sept. 4	N,E	i	8 36 36	...	...	...	Aftershock of the previous shock.
	N,E	e	43 0	...	...	...	
	N	Mn	55 0	18	7	...	
	N,E	F	Masked by microseisms.				
Sept. 5	N,E	e	12 43 ...	...	...	...	Feeble. Felt locally at Dhubri, Cooch Behar Tremors.
	N,E	f	53 ...	...	...	...	
Sept. 7	N	e	8 1 ...	...	...	...	
	N	f	22 ...	...	...	...	Felt at Drosh.
Sept. 9	N,E	P	6 28 30	...	...	7420	Moderate. L.-Waves poor Epc: 5°·8 N., 139° E. (J. S. A.).
	N,E	iS	37 28	...	...	...	
	N,E	PS	37 48	...	...	...	
	N,E	SR_1	41 40	...	...	...	
	E	Mn	57 57	19	18	...	
	N,E	F	Masked by microseisms.				

TABLE D_3—*contd.*

Date.	Compt.	Phase.	G.M.T.	Period.	Amplitude.	△	Remarks.
			H. M. S.	Sec.	μ	Km.	
1935.							
Sept. 11	N	Mn	12 58 27	...	...	...	Feeble. Distant.
	E	Mn	57 29	...	...	...	
Sept. 11	N,E	iP	14 14 42	...	...	7110	Moderate. Epc : 45° N, 146° E (U. S. C. G. S.). off Hokaido Island (Japan).
	N,E	iS	23 25	...	...	...	
	N,E	PS	23 57	...	...	...	
	N,E	SR_1	27 42	...	...	...	
	E	SR_2	29 57	...	...	...	
	N,E	L	36 ...	...	...	...	
	N	Mn	44 1	9	18	...	
	E	Mn	46 19	17	53	...	
	N	F	17 20 ...	...	...	...	
	E	F	17 23 ...	...	...	...	
Sept. 12	N,E	Mn	17 27 28	...	...	...	Seismic activity.
Sept. 15	N,E	e	11 27 38	...	...	...	Feeble. Distant.
	N,E	e	37 46	...	...	...	
	E	Mn	12 4 17	...	...	...	
	N	Mn	3 20	...	...	...	
	E	F	13 12 ...	...	...	...	
	N	F	13 1 ...	...	...	..	
Sept. 15	N,E	e	14 29 ...	...	...	...	Slight. Distant.
	N	Mn	15 40 5	18	4	...	
	E	Mn	40 27	23	12	...	
	N,E	F	16 57 ...	...	...	...	
Sept. 15	N,E	$\overline{P}$	19 33 38	...	...	...	Very slight.
	N,E	$\overline{S}$	33 45	...	...	...	△ = 30 miles (approximately.)
	N,E	F	Masked by microseisms				Felt locally at Thana, Thakurli and Dombivli.
Sept. 18	N,E	e	8 34 ...	...	...	...	Slight. Distant.
	E	Mn	9 3 58	...	...	...	
	N,E	F	Masked by microseisms				
Sept. 19	E	Mn	3 16 36	...	...		Seismic activity.
Sept. 20	N,E	P	01 58 02	...	...	7910	Great. Epc : 3°S, 143°E, Near British New Guinea.
	N	S	2 7 23	...	...	...	
	N,E	SR_1	12 1	...	...	...	
	N,E	SR_2	15 2	...	...	...	
	N,E	L	21 ...	...	...	...	
	N	Mn	25 23	26	234	..	
	E	Mn	32 30	23	283	...	
	N,E	F	Mixed up with the following shock.				
Sept. 20	N,E	iP	5 34 32	...	...	7945	Moderate. Aftershock of the previous great shock.
	N,E	PR_1	37 14	...	...	...	
	N,E	iS	43 55	...	..	...	
	N,E	SR_2	51 37	..	..	...	
	N,E	L	56 ..	...	...	...	
	E	Mn	7 40	...	...	...	
	N,E	F	Masked by microseisms				

Date.	Compt.	Phase.	G.M.T.	Period.	Amplitude.	△	Remarks.
			H. M. S.	Sec.	μ	Km.	
1935.							
Sept. 20	E	i	21 15 34	...	...	...	Feeble. Distant.
	N	e	14 ...	...	...	...	
	N	F	22 34 ...	...	...	...	
	E	F	44 ...	...		...	
Sept. 23	N,E	e	9 14 ..	...	...	...	Feeble.
	N,E	f	Mixed up with the following shock.				
Sept. 23	N,E	iP	9 29 47	...	...	7945	Moderate. After shock of the great shock of 20th.
	E	PR_1	32 15	...	...	...	
	N,E	iS	39 10	...	...	...	
	N,E	PS	39 45	...	...	...	
	N,E	L	53 ..	...	...	...	
	N	F	12 35 ..	...	...	...	
	E	F	42 ..	...	...	...	
Sept. 24	N	e	5 12 ..	...	...	...	Feeble. Distant.
	E	i	12 28	...	...	...	
	N,E	f	6 3 ..	...	...	...	
Sept. 24	N	e	22 31 ...	...	...	...	Feeble. Distant.
	N	Mn	23 19 20	...	...	...	
	E	Mn	15 56	...	...	...	
	N,E	F	53 ..	...	...	...	
Sept. 25	N	eP	10 31 8	...	...	7820	Slight. Aftershock of the great shock of 20th.
	E	iP					
	N,E	iS	40 24	...	...	...	
	N,E	PS	40 54	...	...	...	
	E	Mn	11 4 24	..	..	...	
	N,E	F	12 0 ...	..	...	...	
Sept. 25	N	Mn	23 22 39	...	...	...	
Sept. 29	N,E	e	6 41 ..	...	...	..	Slight. Near.
	N,E	i	45 2	...	...	...	
	N	Mn	51 14	..	..	..	
	E	Mn	50 18	..	..	...	
	N,E	F	7 11 ..	..	..	...	
Sept. 30	N	Mn	19 46 30	...	...	...	Seismic activity.
	E	Mn	47 25	...	...	...	
Oct. 1	E	Mn	1 06 18	...		...	
Oct. 1	N,E	e	6 21 ..	...	...	..	Feeble.
	N,E	f	42 ..	...	...	...	
Oct. 2	N,E	iP	5 43 38	...	...	7065	Slight. Epc : 40°N., 144° E., near Japanese Islands. O : 5h. 33m. 07s.
	N,E	PR_1	46 6	...	...	...	
	N,E	iS	52 19	...	...	...	
	N,E	PS	52 52	...	...	...	
	E	Mn	6 15 26	18	7	...	
	N,E	F	7 8 ...	...	...	...	
Oct. 4	E	iP	5 24 6	...	...	5190(?)	Slight. Epc : 6° 20′ N., 125° E. (Manila), Mindanao Islands. Deep focus.
	E	iS	31 01	...	...	...	
	E	F	6 1 ...	...	...	...	

TABLE D_2—*contd.*

Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.
			H. M. S.	Sec.	μ	Km.	
1935.							
Oct. 4	E	eP	14 53 25	...	...	1270	Slight. Epc: Aftershock of Baluchistan Earthquake 0: 14h. 50m. 40s.
	E	eS	55 43	...	...	...	
	E	L	56 17	...	...	...	
	E	F	15 50 ...	...	...	...	
Oct. 6	N,E	i	14 54 30	...	...	...	Slight. Near.
	N,E	e	58 0	...	...	...	
	N	Mn	15 0 16	7	4	...	
	N,E	F	21 ...	...	...	...	
Oct. 7	N,E	e	6 12 ...	...	...	...	Tremors.
	N,E	f	32 ...	...	...	...	
Oct. 8	N,E	P	9 23 43	...	...	2255	Slight. Epc: 39° N., 73° E., (Pahmir Plateau) 0: 9h. 19m. 15s.
	N,E	iS	27 29	...	...	...	
	N,E	SR_1	28 12	...	...	...	
	N,E	L	29 ...	...	...	...	
	N,E	Mn	32 20	...	...	...	
	N	F	10 24 ...	...	...	...	
	E	F	40 ...	...	...	...	
Oct. 9	N,E	e	22 30 ...	...	...	...	Feeble. Distant.
	N,E	f	23 21 ...	...	...	...	
Oct. 11	N,E	iP	4 24 13	...	...	1940	Slight. Deep focus. Depth about 200 kms. Epc: 36° N., 73·5° E., (Border of N. W. F. Province and Kashm.) Felt at Peshawar, Kabul and Drosh.
	N	SP	25 6	...	...	...	
	N,E	iS	27 21	...	...	...	
	N,E	L(?)	28 23	...	...	...	
	N,E	M	Movements small			...	
	N,E	F	5 0 ...	...	...	...	
Oct. 11-12	N,E	iP	22 27 33	...	...	8165	Slight. L-waves poorly developed. Epc. Near 1° N., 145° E., (Manila).
	E	PR_1	30 18	...	...	...	
	N,E	S	37 7	...	...	...	
	N,E	PS	37 40	...	...	...	
	N,E	SR_1	41 52	...	...	...	
	N,E	L	51 20	...	...	...	
	N,E	M	Movements small.			...	
	N	F	0 39 ...	...	...	...	
	E	F	0 56 ...	...	...	...	
Oct. 12	N,E	eP	16 55 50	...	...	6980	Moderate. Epc: 42° N., 144° E., (Japan). 0: 16h. 45m. 30s.
	N,E	iS	17 4 26	...	...	...	
	N,E	PS	4 56	...	...	...	
	E	SR_1	8 41	...	...	...	
	N,E	L	16 ...	...	...	...	
	N	Mn	25 14	16	20	...	
	E	Mn	25 26	15	19	...	
	N,E	F	19 46 ...	...	...	...	
Oct. 13	N,E	e	2 8 ...	...	...	...	Feeble. Distant.
	N	Mn	39 17	14	3	...	
	E	Mn	39 40	13	2	...	
	N,E	F	3 33 ...	...	...	...	
1935.							
Oct. 13	N	e.	10 26 0	...	...	...	Feeble.
	E	i					
	E	Mn	32 9	15	4	...	
	N,E	F	11 6 ...	...	...	...	
Oct. 14	N,E	i	20 24 54	...	...	...	Tremors.
	N,E	F	55 ...	...	...	...	
Oct. 15	N,E	e	17 8 ...	...	...	...	Feeble. Felt at Bushire.
	N,E	f	27 ...	...	...	...	
Oct. 17	N,E	e	14 38 35	...	...	...	Feeble. Distant.
	N,E	e	43 26	...	...	...	
	N	Mn	54 33	...	...	...	
	E	Mn	53 10	14	3	...	
	N,E	F	15 50 ...	...	...	...	
Oct. 18	N	iP	0 22 31	...	...	6,945	Moderate. Epc. Japan.
	N	iS	31 5	...	...	...	
	N	PS	31 29	...	...	...	
	N	L	42 ...	...	...	...	
	N	Mn	51 50	16	24	...	
	N	F	4 01 ...	...	...	...	
	E	F	03 ...	...	...	...	
Oct. 18	N,E	iP	11 16 12	...	...	7110	Slight. Epc.: 43° 8N, 147°E (J. S. A.).
	E	PR_1	18 39	...	...	...	
	N,E	eS	24 55	...	...	...	
	N,E	PS	25 28	...	...	...	
	E	SR_1	29 21	...	...	...	
	N,E	eL	36 ...	...	...	...	
	E	Mn	46 55	19	16	...	
	N,E	F	14 15 ...	...	...	...	
Oct. 18	N,E	iP	15 4 26	...	...	6989	Slight. Epc. Japan.
	N,E	iS	13 2	...	...	...	
	E	PS	13 39	...	...	...	
	E	SR_1	17 17	...	...	...	
	N,E	L	24 ...	...	...	...	
	N	Mn	35 42	15	13	...	
	E	Mn	34 6	15	10	...	
	N	F	17 37 ...	...	...	...	
	E	F	55 ...	...	...	...	
Oct. 18	N,E	e	22 2 ...	...	...	...	Feeble, Distant.
	N	Mn	37 28	15	3	...	
	E	Mn	36 16	14	3	...	
	N	F	23 18 ...	...	...	...	
	E	F	31 ...	...	...	...	
Oct. 19	N	Mn	1 33 ...	...	...	...	Seismic activity.
	E	Mn	1 34 ...	...	...	...	
Oct. 19	N,E	e	2 49 30	...	...	...	Feeble. Distant.
	N	Mn	3 22 11	...	...	...	
	E	Mn	19 23	...	...	...	
	N,E	F	55 ...	...	...	...	

TABLE D_2—*contd.*

Date.	Compt.	Phase.	G.M.T.	Period.	Amplitude.	△	Remarks.
			H. M. S.	Sec.	μ	Km.	
1935.							
Oct. 19	E	Mn	6 0 37	...	...	...	Seismic activity.
	N	Mn	2 26	...	...	...	
Oct. 19	N,E	e	20 31 2	...	...	...	Feeble. Near.
	N	Mn	33 40	6	4	...	Felt at Shillong and Jorhat (Agra), Gauhati and Saiona
	N	F	50 ...	...	...	...	
	E	F	42 ...	...	...	...	
Oct. 20	E	e	4 54 ...	...	...	...	Slight.
	N	e	57 ...	...	...	...	Felt at Salona.
	E	Mn	5 0 37	14	7	...	
	E	F	6 5 ...	...	...	...	
	N	F	5 56 ...	...	...	...	
Oct. 20	N,E	e	19 2 ...	...	...	...	Feeble seismic movements.
	N,E	f	10 ...	...	...	...	
Oct. 25	N,E	e	0 18 28	...	...	...	Feeble. Very distant.
	N,E	Mn	1 2 20	...	...	...	
	N,E	F	49 ...	...	...	...	
Oct. 25	N,E	e	18 12 ...	...	...	...	Feeble.
	N	Mn	17 30	...	...	...	
	E	Mn	18 23	15	4	...	
	N,E	F	41 ...	...	...	...	
Oct. 26	N	e	21 21 ...	...	...	...	Slight. Near.
	N,E	e	25 12	...	...	...	
	N	Mn	28 51	11	4	...	
	N,E	F	58 ...	...	...	...	
Oct. 27	N,E	e	6 47 28	...	...	...	Feeble. Distant.
	N,E	e	51 6	...	...	...	
	N,E	f	7 34 ...	...	...	...	
Oct. 28	N	e	12 11 0	...	...	...	Slight. Near.
	N,E	e	14 34	...	...	...	
	N	Mn	18 17	9	4	...	
	E	Mn	18 32	...	...	...	
	N	F	55 ...	...	...	...	
	E	F	48 ...	...	...	...	
Oct. 30	N,E	e	2 35 37	...	...	...	Slight. Near.
	N,E	e	39 35	...	...	...	
	N	Mn	43 16	11	8	...	
	E	Mn	43 45	11	4	...	
	N,E	F	3 6 ...	...	...	...	
Oct. 30	N,E	e	16 26 ...	...	...	...	Feeble. Felt at Dhubri, Gauhati and Shillong.
	N,E	f	17 2 ...	...	...	...	
Oct. 31	E	Mn	19 41 29	...	...	...	Seismic activity.
Oct. 31	N,E	i	23 14 5	...	...	...	Seismic activity.
Nov. 1	N,E	e	6 22 33	...	...	...	
	N,E	i	32 14	...	...	...	
	N	Mn	7 12 16	...	...	...	
	E	MN	15 38	...	...	...	
	N,E	F	16 ...	...	...	...	

Date.	Compt.	Phase.	G.M.T.	Period.	Amplitude.	△	Remarks.
			H. M. S.	Sec.	μ	Km.	
1935.							
Nov. 1	N,E	eP	16 28 1	...	...	3210	Moderate. Epc: 32° N. 103° E Sip-song Chow Thai (French Indo China).)
	N,E	iS	32 59	...	...	...	
	N,E	SR	34 24	...	...	...	
	N,E	L	36 21	...	...	...	
	N	Mn	40 45	13	163	...	O: 16h 22m 01S G. M. T.
	E	Mn	40 49	12	53	...	
	N,E	F	Masked by microseisms.				
Nov. 1	N	e	21 0 0	...	...	...	Seismic activity.
	N	Mn	12 46	...	...	...	
Nov. 3	N,E	e	16 36 ...	...	...	...	Feeble. Near.
	N	Mn	47 29	7	4	...	
	E	Mn	47 32	13	5	...	
	N,E	F	17 10 ...	...	...	...	
Nov. 5	N	e	21 7 10	...	...	...	Feeble. Distant.
	E	i	6 50	...	...	...	
	N,E	i	14 20	...	...	...	
	E	Mn	32 30	...	...	...	
	N,E	F	22 4 ...	...	...	...	
Nov. 10	E	Mn	19 57 30	...	...	...	Seismic activity.
Nov. 11	N,E	e	13 24 ...	...	...	...	Feeble.
	N,E	f	14 42 ...	...	...	...	
Nov. 12	N,E	eP	21 34 15	...	...	3080	Slight.
	N,E	eS	39 4	...	...	...	
	N,E	i	39 27	...	...	...	
	N,E	SR_2	40 27	...	...	...	
	N,E	L	42 ...	...	...	...	
	N	Mn	48 50	...	...	...	
	E	Mn	48 45	15	8	...	
	N,E	F	22 56 ...	...	...	...	
Nov. 14	N,E	e	20 9 ...	...	...	...	Feeble. Distant.
	N,E	e	19	...	...	...	
	N	Mn	Movements small.			...	
	E	Mn	38 30	...	...	...	
	N	F	21 18 ...	...	...	...	
	E	F	34 ...	...	...	...	
Nov. 16	N,E	e	5 59 ...	...	...	...	Feeble. Distant.
	N,E	f	7 8 ...	...	...	...	
Nov. 17	N,E	e	7 59 ...	...	...	...	Feeble. Distant.
	N,E	f	9 15 ...	...	...	...	
Nov. 23	N,E	e	8 12 25	...	...	...	Feeble. Distant.
	E	Mn	9 27 32	...	...	...	
	N	Mn	Movement small.			...	
	N,E	F	10 0 ...	...	...	...	
Nov. 25	N,E	iP	10 8 23	...	...	2680	Moderate.
	N,E	iS	12 43	...	...	...	Epc: 7° N., 94° E. South of Nicobar Islands. O: 10h. 3m. 7s. G. M. T.
	N,E	SR_2	13 46	..	..	...	
	N,E	L_1	15 ...	...	..	...	

TABLE D_2—*contd.*

Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.
			H. M. S.	Sec.	μ	Km.	
1935.							
Nov. 25	N	Mn	19 16 19	32	...		
	E	Mn	20 1 15	48	...		
	N,E	F	13 18 ...	...	...	...	
Nov. 26	N,E	e	0 44 37	...	...	...	Feeble.
	N,E	f	1 2 ...	...	...		
Nov. 26	N	iP	18 38 40	...	...	2810	Slight. Epc: Near that of Nov. 25.
	N	eS	43 14	...	...	...	
	N	SE_2	44 11	...	...	...	
	N	L	46 ...	...	...	...	
	N	F	21 3 ...	...	...	...	
Nov. 29	N,E	e	18 25 ...	...	...	...	Feeble. Distance.
	N,E	f	Masked by the following shock.				
Nov. 29	N,E	i	19 42 27	...	...	...	Slight. Near.
	N	Mn	49 19	...	...	...	
	E	Mn	48 49	...	...	...	
	N,E	F	20 11 ...	...	...	...	
Nov. 30	N,E	e	3 40 ...	...	...	...	Feeble. Very distant.
	N,E	f	6 25 ...	...	...	...	
	N	f	6 15 ...	...	...	...	
Dec. 1	N,E	P	23 54 10	...	...	5600	Slight.
	N,E	S	0 1 28	...	...	...	
	E	L	10 ...	...	...	...	
	N	Mn	18 0	13	4	...	
	E	Mn	18 34	12	4	...	
	N	F	1 12 ...	...	...	...	
	E	F	1 22 ...	...	...	...	
Dec. 2	N,E	e	16 51 40	...	...	...	Feeble. Distant.
	N,E	e	59 0	...	...	...	
	N	Mn	17 15 28	11	4	...	
	E	Mn	18 11	10	3	...	
	N,E	F	18 7 ...	...	...	...	
Dec. 3	N,E	e	3 26 ...	...	...	...	Feeble. Near. Felt at Gauhati.
	N,E	f	40 ...	...	...	...	
Dec. 5	N,E	e	18 10 ...	...	...	...	Feeble. Distant.
	E	Mn	19 3 30	...	...	...	
	N	F	20 2 ...	...	...	...	
	E	F	20 11 ...	...	...	...	
Dec. 7	N,E	e	11 58 ...	...	...	...	Tremors.
	N,E	f	12 38 ...	...	...	...	
Dec. 8	N,E	e	17 27 14	...	...	...	Slight.
	N,E	e	33 4	...	...	...	
	E	Mn	41 18	...	...	...	
	N,E	F	18 38 ...	...	...	...	
Dec. 9	E	e	7 41 ...	...	...	...	Feeble. Distant.
	E	f	9 11 ...	...	...	...	
1935.							
Dec. 11	N	e	9 15 51	...	...	...	Seismic activity.
	E	e	20 32	...	...	...	
Dec. 11	E	e	12 24 42	...	...	...	Seismic activity.
Dec. 14	N	i	1 49 41	...	...	...	Slight. Distant.
	N	e	52 5	...	...	...	
	E	F	3 54 ...	...	...	...	
	N	F	3 47 ...	...	...	...	
Dec. 14	N,E	i	12 57 43	...	...	...	Feeble. Distant.
	N,E	i	13 6 10	...	...	...	
	N,E	e	8 10	...	...	...	
	N,E	F	56 ...	...	...	...	
Dec. 14	N,E	P^1	22 24 58	...	...	16235	Moderate. Epc: 14° N., 94° W. (U. S. C. G. S.)
	N	i	28 10	...	...	...	
	N	i	35 5	...	...	...	
	N,E	SE_2	47 13	...	...	...	
	N,E	SR_2	52 21	...	...	...	
	N,E	L	23 8 ...	...	...	...	
	N	Mn	32 50	23	61	...	
	E	Mn	27 42	29	48	...	
	N,E	F	1 06 ...	...	...	...	
Dec. 15	N,E	eP	7 21 1	...	...	10145	Great. Epc: 12° S., 161° E. (U.S. C. G. S.) Felt in Solomon Island.
	N,E	PR	24 54	...	...	...	
	N,E	PR_2	27 9	...	...	...	
	N,E	S	32 01	...	...	...	
	N,E	SR_1	38 01	...	...	...	
	N,E	SR_2	42 01	...	...	...	
	N,E	L	51 ...	...	...	...	
	N	Mn	59 16	28	122	...	
	E	Mn	8 2 50	23	170	...	
	N,E	F	11 50 ...	...	...	...	
Dec. 16	N,E	i	17 15 53	...	...	...	Seismic activity.
Dec. 17	N,E	e	13 31 ...	...	...	...	Feeble. Distant.
	N,E	f	14 54 ...	...	...	...	
Dec. 17	E	iP	19 26 22	...	...	5510	Moderate. Epc: 24° N., 124° E. East of Formosa. Felt in Northern Luzon (Manila).
	E	PR_1	28 28	...	...	...	
	E	iS	33 35	...	...	...	
	E	PS	34 16	...	...	...	
	E	SR_1	36 57	...	...	...	
	E	L	42 ...	...	...	...	
	E	Mn	49 22	16	31	...	
	E	F	23 22 ...	...	...	...	
Dec. 18	N,E	iP	7 16 47	...	...	3155	Slight.
	N,E	S	21 41	...	...	...	Epc.: 32° N., 103° E. French Indo-China.
	N,E	SR_1	23 9	...	...	...	
	N,E	L	25 ...	...	...	...	
	N	Mn	29 6	13	10	...	
	E	Mn	30 25	15	10	...	
	E		9 8 ...			...	

TABLE D_2—*contd.*

Date	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.
			H. M. S.	Sec.	μ	Km.	
1935.							
Dec. 18	N,E	e	11 53 ...	...	...	...	Tremors.
	N,E	f	12 1 ...	...	...	...	
Dec. 18	N,E	e	13 24 ...	...	...	...	Tremors.
	N,E	f	47 ...	...	...	...	
Dec. 18	N,E	iP	17 5 39	...	...	3155	Slight.
	N,E	eS	10 33	...	...	...	
	E	SE_1	12 3	...	...	...	
	N,E	L	14 ...	...	...	...	
	N	Mn	20 38	7	4	...	
	E	Mn	19 26	7	4	...	
	N,E	F	18 8 ...	...	...	...	
Dec. 18	N,E	e	21 19 ...	...	...	...	Tremors.
	N,E	f	46 ...	...	...	...	
Dec. 19	N,E	e	9 52 ...	...	...	...	Feeble.
	N,E	f	10 17 ...	...	...	...	
Dec. 19	N,E	e	13 37 ...	...	...	...	Feeble.
	N,E	f	14 5 ...	...	...	...	
Dec. 19	N	e	21 33 ...	...	...	...	Feeble.
	N,E	e	37 30	...	...	...	
	N	Mn	40 6	...	...	...	
	E	Mn	39 58	8	8	...	
	N,E	F	59 ...	...	...	...	
Dec. 19	N	iP	28 14 40	...	...	1900	Feeble.
	E	eP					
	N	l	15 34	...	...	...	Felt at Quetta.
	N,E	eS	17 57	...	...	...	
	N,E	F	42 ...	...	...	...	
Dec. 20	N,E	e	18 50 0	...	...	...	Slight. Very distant.
	N,E	e	19 0 35	...	...	...	
	N,E	F	21 46 ...	...	...	...	
Dec. 22	N,E	e	12 33 30	...	...	...	Feeble.
	N,E	e	40 56	...	...	...	
	N,E	f	13 12 ...	...	...	...	
Dec. 22	N,E	e	20 33 ...	...	...	...	Slight. Near.
	N,E	e	37 16	...	...	...	
	E	Mn	45 24	...	...	...	
	N,E	F	21 17 ...	...	...	...	

Date.	Compt.	Phase.	G. M. T.	Period.	Amplitude.	△	Remarks.
			H. M. S.	Sec.	μ	Km.	
1935.							
Dec. 23	N,E	i	14 54 30	...	...	...	Feeble. Felt at Srinagar.
	N,E	i	15 3 46	...	...	...	
	N,E	f	16 2 ...	...	...	...	
Dec. 24	N,E	i	12 43 52	...	...	...	Feeble. Distant.
	N	Mn	14 6 47	15	4	...	
	E	Mn	2 58	16	6	...	
	N,E	F	15 13 ...	...	...	...	
Dec. 26	N,E	e	20 25 ...	...	...	...	Feeble. Distant.
	N,E	f	21 41 ...	...	...	...	
Dec. 27	N,E	e	19 12 ...	...	...	...	Feeble. Near.
	N,E	f	30 ...	...	...	...	
Dec. 28	N,E	iP	2 41 47	...	...	3490	Great. Epc: North Sumatra. O: 2h. 35m. 24s. G. M. T.
	N,E	PR_1	42 37	...	...	...	
	N,E	PR_2	43 ...	...	...	...	
	N,E	iS	47 2		...	...	
	N	SR_1	48 41	...	...	...	
	E	Mn	53 ...	25	12	...	
	N	F	8 8 ...	...	...	...	
	E	F	8 11 ...	...	...	...	
Dec. 28	N,E	eP	17 28 25	...	...	3380	Aftershock of the great shock of 28d. 2h. 41m. 47s. G.M.T
	N,E	S	33 33	...	...	...	
	N,E	F	Mixed up with the following tremor.				
Dec. 28	N	Mn	19 8 35	...	...	...	Seismic activity.
	E	Mn	7 20	...	...	...	
Dec. 29	N,E	e	3 36 37	...	...	...	Slight.
	N,E	e	41 00	...	...	...	
	N,E	f	4 56 ...	...	...	...	
Dec. 29	N,E	iP	23 47 28	...	...	6345	Slight.
	N,E	S	55 23	...	...	...	
	N	PS	56 5	...	...	...	
	E	L	00 05 ...	...	...	...	
	N,E	F	1 59 ...	...	...	...	
Dec. 30	N,E	e	4 15 ...	...	...	...	Feeble. Distant.
	N,E	f	5 41 ...	...	...	...	
Dec. 31	N,E	e	1 36 ...	...	...	...	Feeble. Distant.
	N,E	f	2 29 ...	...	...	...	

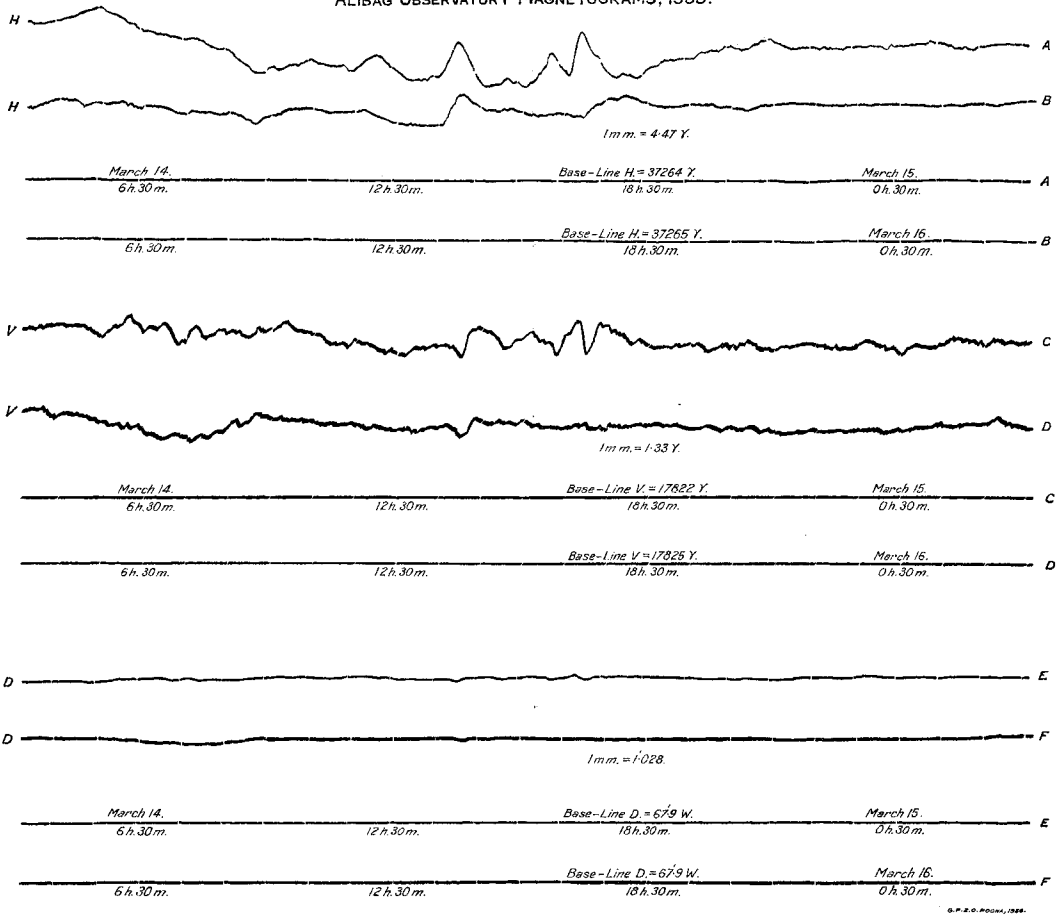
S. C. ROY,

Meterologist, Colaba Obrervatory, Bombay.

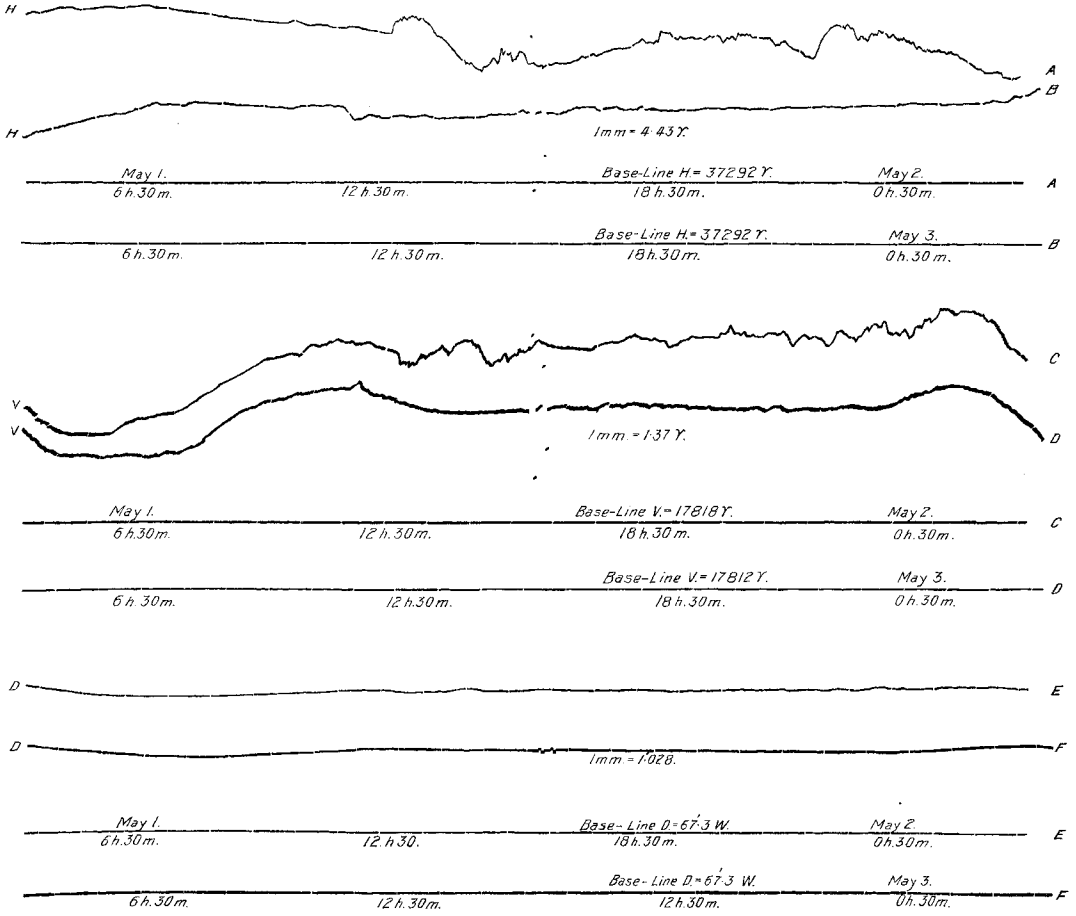
GIPD—280 Meteo Bom.—8-7-37—280.

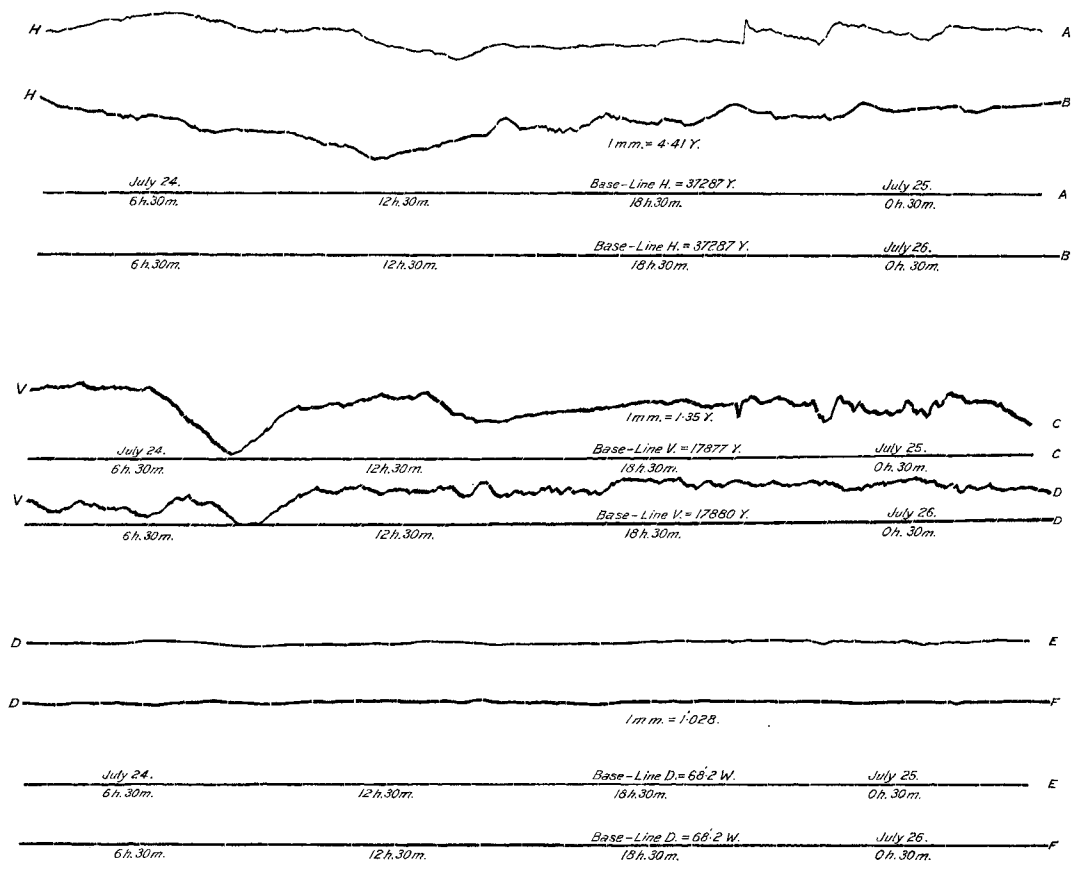
Plate I.

ALIBAG OBSERVATORY MAGNETOGRAMS, 1935.



G.P.O. POONA, 1936.

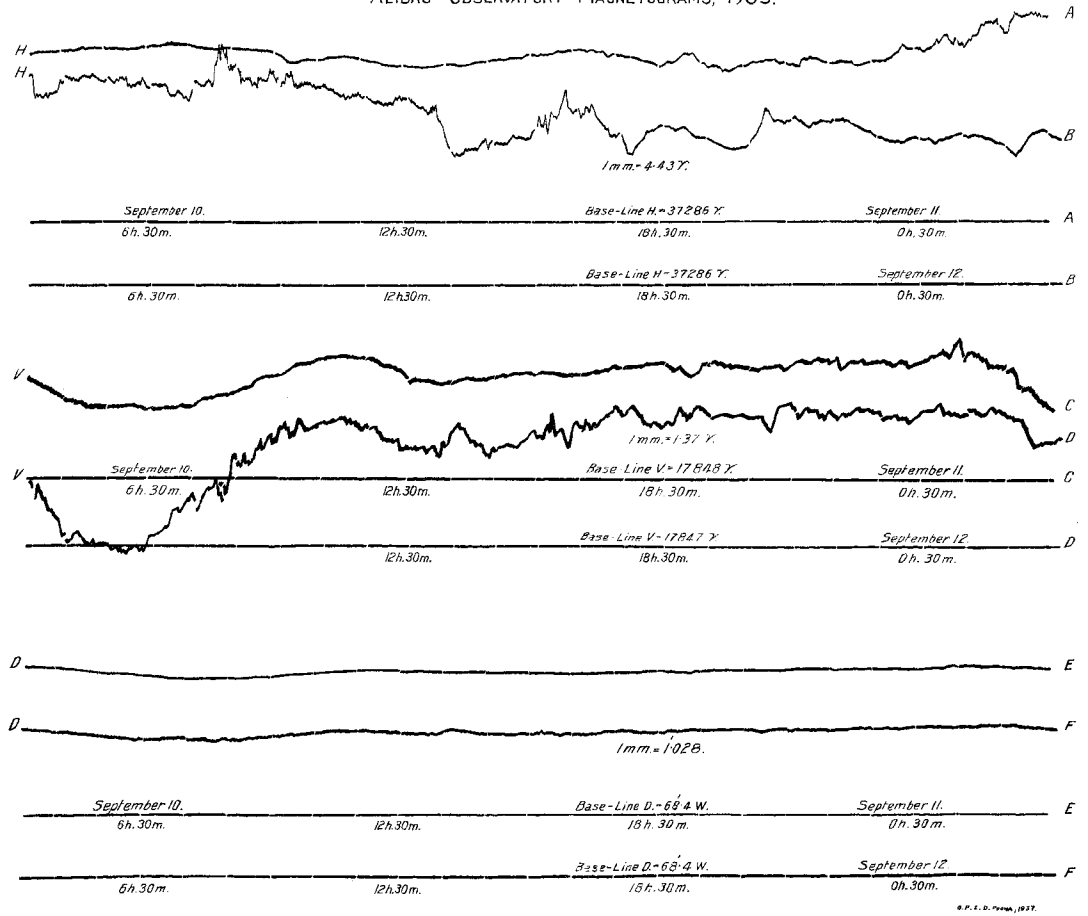

H
A
B
H
1mm = 4·43 γ.
May 1.
6 h. 30 m.
12 h. 30 m.
Base-Line H = 37292 γ.
18 h. 30 m.
May 2.
0 h. 30 m.
A
Base-Line H = 37292 γ.
May 3.
6 h. 30 m.
12 h. 30 m.
18 h. 30 m.
0 h. 30 m.
B
C
V
V
D
1mm. = 1·37 γ.
May 1.
6 h. 30 m.
12 h. 30 m.
Base-Line V = 17818 γ.
18 h. 30 m.
May 2.
0 h. 30 m.
C
Base-Line V = 17812 γ.
May 3.
6 h. 30 m.
12 h. 30 m.
18 h. 30 m.
0 h. 30 m.
D
D
E
D
F
1mm = 1·028.
May 1.
6 h. 30 m.
12 h. 30.
Base-Line D = 67·3 W.
18 h. 30 m.
May 2.
0 h. 30 m.
E
Base-Line D = 67·3 W.
May 3.
6 h. 30 m.
12 h. 30 m.
12 h. 30 m.
0 h. 30 m.
F



G. P. S. O. POONA, 1937.

Plate IV.

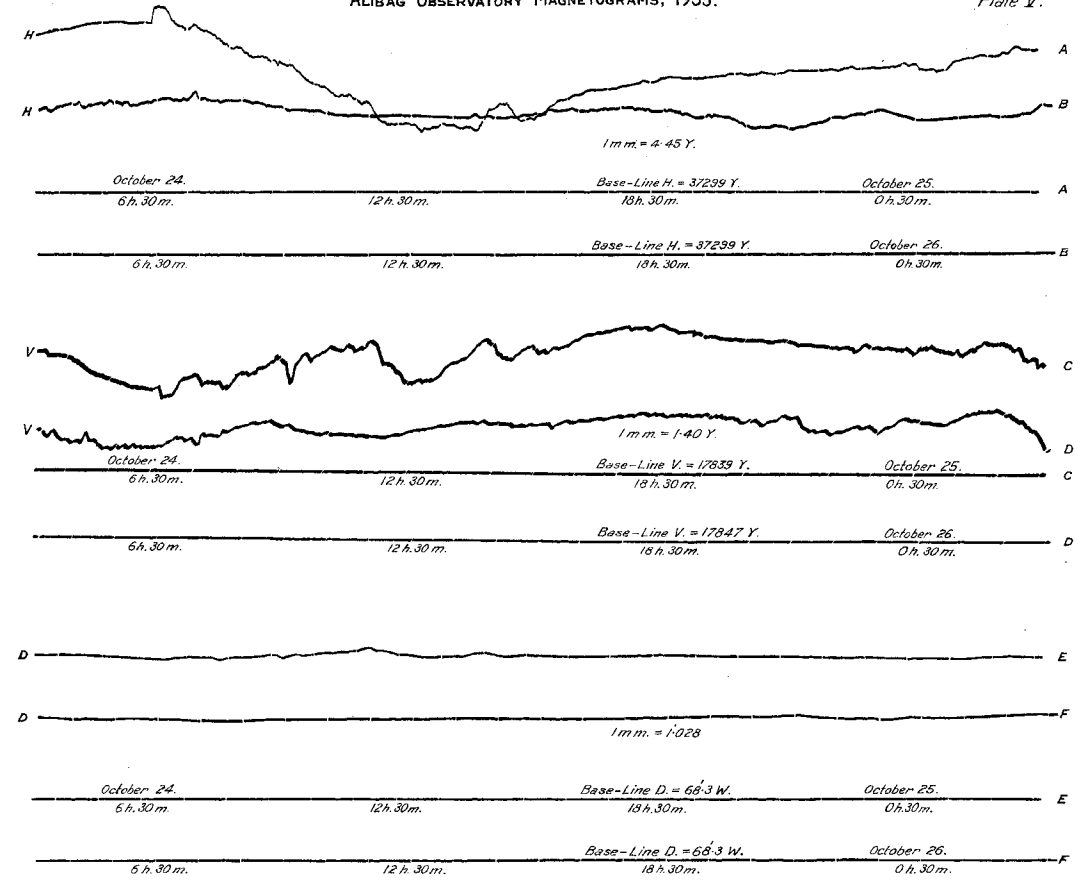
ALIBAG OBSERVATORY MAGNETOGRAMS, 1935.



O. P. S. D. Press, 1937.

Alibag Observatory Magnetograms, 1935.

Plate V.



G.P.P.O. POONA, 1937.

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